**CHANDRIKA TADIBOINA**

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**Senior Full Stack .Net Developer**

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**Professional Summary**

* **10+ years** of experience in designing, developing, and maintaining scalable, secure solutions using **Microsoft technologies**, with expertise in **.NET Framework 4.6–4.8**, **.NET Core (v6, v8), .Net MVC, .NET Core Web API, ASP.NET MVC,** and **Blazor Framework**.
* Proficient in Software Development Life Cycle (**SDLC**) methodologies, including **Agile** (Scrum, Kanban) and **Waterfall**, ensuring efficient project execution.
* Strong expertise in **C# 10.0** features, **Multithreading**, **Collections**, **LINQ**, and **Parallel Processing** for high-performance applications.
* Extensive knowledge of architectural patterns, including **Onion Architecture**, **MVC Architecture**, **N-Tier Architecture**, and **Microservices**, ensuring modular and scalable software solutions.
* Expertise in **.NET frameworks**, including **ASP.NET Core Web App**, **ASP.NET Core Web API**, **Microservices**, and **ASP.NET MVC**, ensuring maintainable and high-performance applications.
* Experience in implementing secure **RESTful** and **SOAP Web Services** with **OAuth2**, **JWT**, and **SSL** for API security.
* Skilled in **ORM frameworks** (**ADO**.**NET**, **Entity Framework Core**, **Dapper**) and experienced in **Oracle**, **SQL Server**, **PostgreSQL**, **MongoDB**, and **NoSQL** solutions. Proficient in **PL/SQL stored procedures**, **functions**, and **triggers** for optimal database performance.
* **Azure Cloud** expertise, including **Azure API Management**, **Azure Functions**, **Azure Service Bus**, **Kubernetes**, and **API Gateway**, enabling cloud-native application development.
* Hands-on experience in frontend development using **Angular 10+**, **React**, **TypeScript**, **AngularJS**, **HTML**, **CSS**, **JavaScript**, **Tailwind, Kendo UI,** **Bootstrap**, **jQuery**, and **Ajax**, delivering responsive and dynamic user interfaces.
* Experienced with **message queuing technologies** like **MSMQ**, **RabbitMQ**, and **Apache Kafka**, improving system reliability and asynchronous processing.
* Proficient in **.NET Core testing frameworks** (**XUnit**, **NUnit**, **MSTest**) and **API testing tools** like **Postman**, **Swagger UI**, for validating API performance and security.
* Strong experience with **Azure DevOps** CI/CD pipelines for automating **build**, **test**, and **deployment**, and experience with **GitHub Actions** and **Jenkins**.
* Skilled in Azure native cloud development including **Azure Functions, Service Bus, Blob Storage, Managed Identity**, and **Azure B2C Authentication**. Adept at CI/CD automation and scripting using **PowerShell**.
* Hands-on experience in cloud technologies, including **Azure** and **AWS**, focusing on cloud-native development and serverless computing.
* Version control expertise with **Git**, **SVN**, and **TFS**, ensuring efficient source code management and collaboration.
* Logging and monitoring expertise with **Serilog, Splunk, Azure Monitor, ELK Stack, and Prometheus**, ensuring application observability and performance tracking.
* Experienced with **Git**, **SVN**, **TFS**, and **GitHub** for version control and collaboration, ensuring efficient code management.

**TECHNICAL SKILLS:**

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| --- | --- |
| Languages |  C#, VB.Net, C++, PL/SQL, TypeScript, Java, Python |
| Operating Systems |  Windows (10/8.1), Ubuntu, MacOS |
| Microsoft technologies |  .NET Framework 4.6–4.8, .NET Core (v6, v8), ASP.NET Core Web API , ASP.NET MVC, ADO.NET, Blazor Framework, WPF, SignalR, Entity Framework Core |
| Frameworks | Angular v9+, ReactJS, Redux, Microservices Architecture (RESTful and event-based), GraphAPI, MAUI Blazor, Node.js, SSIS, SSRS |
| Web Technologies | HTML5, XHTML, XML, XAML, XSL, XSLT, JSON, CSS 3, Knockout.js, Angular.js, Ajax, Web Services, Boot Strap. |
| Databases |  Oracle, MySQL, MSSQL Server, Sybase, PostgreSQL, MongoDB. |
| Cloud | Azure (API Management, Service Bus, Functions, DevOps), AWS (Lambda, ECS), Docker, Kubernetes, Terraform, Prometheus, Grafana, Splunk, Kafka/Confluent Kafka |
| Development Tools |  Visual Studio, SQL Server Management Studio, Azure DevOps, TOAD, DB Artisan.  |
| Version controls |  TFS, Git, GitHub, SVN, Visual Source Safe. |
| Protocols |  TCP/IP, HTTP, FTP, and SOAP. |
| Other Tools |  MS Visio, NUnit, UML 2.0 , Coded UI, Kendo UI, ArcGIS. |
| Testing |  XUnit, NUnit, MSTest, Postman, SOAP UI, Swagger UI, SonarQube, Protractor, Jasmine, Karma, Cucumber. |

**Professional Experience**

**Role: Senior Full Stack .Net Developer**

**Client: AMFAM, Madison, Wisconsin Jul 2023 to Present**

**Project description:**

Developed a centralized Partner Services Portal to enhance collaboration with agents, brokers, and service providers. Streamlined workflows for claims processing, policy management, and settlements. Integrated the portal with internal banking and insurance systems to support secure fund disbursements and real-time claims validation.

**Responsibilities:**

* Collaborated in **Agile/Scrum** development cycle with Product Owners and Business Analysts to refine user stories for Claims Management, Policy Administration, and Financial Settlements in **Partner Services Portal.**
* Designed and developed a **Microservices**-based **ASP.NET Core Web API**, ensuring seamless integration with AmFam’s policy and claims management systems.
* Architected microservices and Web APIs using **.NET Core 6.0–8.0**, implementing OAuth2 and JWT-secured communication.
* Implemented **Apache Kafka** for message queuing, enabling real-time event-driven architectures and asynchronous processing.
* Worked extensively with **Investran CRM and Report Wizard** to streamline private equity workflows and automate reporting pipelines for fund and investor data.
* Designed and developed secure RESTful APIs with **OAuth2/JWT**, applying **Object-Oriented Design (OOD)** principles and **Standard Security Methods** to safeguard sensitive policy and claims data.
* Worked extensively with **Entity Framework Core** for efficient data access and database interaction.
* Utilized **JSON** as the primary data format for **API** communication, ensuring seamless front-end and back-end integration.
* Integrated Investran **CRM** with internal claims and policy systems to centralize investment-related metadata for strategic partners and improve fund disbursement traceability.
* Developed .NET components to pull investment data from Investran into the Partner Services Portal using **ADO.NET** and **SQL Server** views, enhancing reporting accuracy.
* Automated reporting workflows using **SSIS** and **Control-M** to schedule data sync between Investran and internal analytics platforms.
* Designed and developed **responsive, cross-platform UI experiences** using **Blazor**, **Angular 18**, and **Bootstrap**, delivering optimal user interaction on **desktops, tablets, and phones**.
* Developed and optimized **Angular 18** applications, adopting standalone APIs, improved state management with Angular Signals, and optimized change detection strategies.
* Developed and maintained **Node.js** microservices using **Express.js** for scalable API development.
* Designed and optimized relational database schemas in **Oracle SQL** and **SQL Server** to support the **Partner Services Portal** for claims management, policy administration, and financial settlements.
* Developed **SSIS** packages for **ETL** and data migration, and optimized **T-SQL** stored procedures and queries for seamless integration with the Partner Services Portal.
* Designed interactive **Tableau** dashboards to visualize **KPIs** for claims, policy settlements, and partner engagement, integrating real-time data via SQL Server and Azure Blob Storage.
* Published **Tableau** workbooks to shared servers and collaborated with business units to enable data-driven decisions across the Partner Services Portal.
* Deployed portal services to **Azure**, integrating **Azure API Gateway** to enforce security policies and optimize request routing for partner agents, managed secrets and keys securely using **Azure Key Vault.**
* Implemented **Azure Logic Apps** for automating document validation, approval workflows, and financial settlement processes, reducing manual intervention.
* Automated **CI/CD** pipelines using **Azure DevOps**, streamlining build, test, and deployment processes for improved software delivery.
* Used **Visual Studio 2019/2022** for end-to-end development, debugging, and deployment of enterprise-grade .NET applications.
* Used **Terraform** to provision **Azure** infrastructure as code, integrated with CI/CD pipeline for consistent environments.

Integrated **Docker** for containerized application deployments, optimizing scalability and resource utilization.

* Conducted unit testing with **XUnit** and **Karma**, ensuring the stability of **API** transactions and **UI** components.
* Implemented **Playwright-based E2E test suites** for the Partner Services Portal, simulating real user interactions across claims processing, and settlement workflows to enhance accuracy and cross-browser reliability.
* Used **Git (Azure repos)** for version control, following best practices in branching, pull requests, and code reviews.
* Integrated **Log4Net** and **Azure Monitor** for comprehensive logging and alerting on business-critical errors like failed disbursements or policy lookup failures.

**Environment**: .NET Core, ASP.NET Core Web API, ASP.NET MVC , .NET Framework 4.x, Blazor, Angular 18, TypeScript, HTML, CSS, Bootstrap, C#, Oracle, SQL Server, PostgreSQL, , Power BI, SSRS, Tableau, SSIS, SFTP, Docker, Azure API Gateway, Azure DevOps, Visual Studio, Git, XUnit, Karma, Jasmine, Playwright, Protractor, Postman, SOAP UI, Swagger UI, Log4Net, Azure Monitor, SharePoint, Teams, JIRA

**Role: Senior Full Stack .Net Developer**

**Client: Exabeam, Foster City, CA Aug 2021 to Jun 2023**

**Project description:**

I worked on the Exabeam SIEM Integration and Optimization project, enhancing the company’s SIEM system for real-time threat detection and incident response. I developed secure web services to streamline security data flow and created a user-friendly interface for managing events.

**Responsibilities:**

* Actively participated in **Agile/Scrum** ceremonies such as daily stand-ups, sprint planning, retrospectives, and backlog grooming with cross-functional teams to ensure timely delivery of the **SIEM** integration project and meet security goals for the business.
* Designed and developed scalable backend services using **.NET Framework 4.6–4.8** and **.NET Core**, delivering enhancements to core security analytics modules.
* Migrated and refactored legacy WCF and ASP.NET components in compliance-heavy systems.
* Designed and developed a modular **.NET Core Web API-based microservices architecture** to enhance cybersecurity operations and streamline threat detection workflows, ensuring scalability, maintainability, and decoupled service communication.
* Developed high-performance **RESTful APIs** with .NET Core and TypeScript, aligned with **OpenAPI Specification (OAS)** for contract-first development.
* Implemented secure API communication using **OAuth2 and Azure API Management**, controlling access via scopes and throttling policies.
* Collaborated with finance/security teams to interface **Investran**-stored capital activity logs with **Exabeam** SIEM for audit trails and compliance reporting.
* Built **ADO.NET** services to extract investment event data from Investran and transmit them securely via RESTful APIs into log correlation systems.
* Utilized **Entity Framework Core** with **Cosmos DB and SQL Server** provider for efficient database management, optimizing queries, indexing, and handling large volumes of security event data in **MongoDB**, ensuring high performance and scalability in the Exabeam SIEM platform.
* Developed backend logic using **C# 9.0**, implementing asynchronous programming **(async/await), LINQ** and **multithreading,** for optimized queries, applied **Object-Oriented Programming principles** and **SOLID principles** to ensure maintainable, high-performance applications.
* Developed and deployed scalable Web APIs using **Visual Studio** and **SQL Server Management Studio (SSMS)** for managing security event data and real-time threat detection workflows.
* Built real-time alert dashboards using **Kendo UI, Blazor,** and **SignalR** for security operations.
* Leveraged **Azure Blob Storage** for secure file retention and log archival.
* Built adaptive and mobile-friendly UI components using **Angular 14**, **Bootstrap**, and TypeScript, ensuring seamless UX across workstation and tablet environments. Refactored layouts for form responsiveness and device-aware rendering.
* **Developed enterprise UI components using Angular14, incorporating improvements from each release (e.g., standalone components, streamlined forms, and typed reactive forms).**
* **Refactored legacy Angular codebase to adopt Angular 14 standards, improving code maintainability and reducing technical debt.**
* **Created Tableau dashboards to visualize real-time threat detection metrics, SIEM ingestion statistics, and anomaly detection trends using data from Cosmos DB.**
* **Integrated Tableau with Azure Blob and Event Hubs to track the performance of security telemetry pipelines and API gateway usage patterns.**
* Automated CI/CD workflows using **Azure DevOps**, integrating unit testing, code analysis, and deployment pipelines.
* Conducted unit testing using **XUnit**, ensuring high code quality and maintainability. Performed **frontend testing** using **Jasmine**, validating **UI components, API integrations,** and user interactions in applications.
* Documented API flows and protocols using **Swagger**, **YAML-based specs**, and contributed to internal API governance.
* Developed complex ETL packages with SSIS and integrated reports with SSRS for operational analytics.
* Automated builds and deployments with **TFS** and **Git**, contributing to secure and scalable CI/CD pipelines.
* Integrated **Serilog** for real-time error tracking, log monitoring, and debugging of security services, improving the overall observability and performance of the system.

**Environment**: .NET Core, ASP.NET Core Web API, .NET Framework 4.6–4.8, Angular 12–14,Blazor, C#, TypeScript, JavaScript, HTML5, CSS3, Bootstrap, RabbitMQ, ActiveMQ, Cosmos DB, MongoDB, SQL Server, Oracle (PL/SQL), Azure App Services, Azure API Management, Azure DevOps, Azure Blob Storage, Azure Kubernetes Service (AKS), Docker, Git, XUnit, Jasmine, Visual Studio, SSMS, Swagger UI, Serilog, SharePoint, Teams, Word, Excel, Tableau (if applicable), JIRA.

**Role: Senior Full Stack .Net Developer**

**Client: State of Alabama, Alabama, USA Dec 2018 to Jul 2021**

**Responsibilities:**

* Followed **Agile SDLC** methodologies, participating in sprint planning, daily stand-ups, retrospectives, and code reviews for efficient development cycles.
* Followed the **FHIR** format conversion for seamless integration of patient health data, ensuring compliance with **AHDS** (Advanced Healthcare Data Standards).
* Architected and developed applications using **MVC architecture** with **ASP.NET MVC**, ensuring separation of concerns and scalability.
* Extended .NET MVC applications to consume **Investran-based investor and funding records** in support of public fund audits and transparency initiatives.
* Applied **Object-Oriented Design (OOD)** and **SOLID principles** across .NET services to build scalable and reusable components for security analytics.
* Designed and developed **robust web applications** using **C#, ASP.NET MVC, and Web API 2**.
* Developed and maintained **RESTful Web APIs** with **OAuth 2.0** and **JWT authentication**, enhancing security across distributed systems.
* Utilized **Entity Framework** for seamless database interactions with **NoSQL database (MongoDB)**.
* Developed **Tableau dashboards** to visualize public health funding allocations, patient intake metrics, and service-level compliance derived from SQL Server and MongoDB sources.
* Developed dynamic frontends using **ASP.NET MVC**, **Angular 6**, and **Bootstrap**, ensuring **tablet and desktop responsiveness** for healthcare intake and validation workflows.
* Developed frontend components using **Angular 6**, implementing **Services, Directives, Pipes,** and **Lazy Loading** for improved performance.
* Developed **UI** components using **Blazor** to replace legacy **ASP.NET MVC** and **AngularJS** interfaces for healthcare applications.
* Performed **Oracle** package debugging and built **SSIS pipelines** to move healthcare data across **Oracle and SQL Server** systems.
* Utilized **Azure** **CosmosDB** for fast access to large-scale event logs with global distribution support.
* Integrated **RxJS** for state management, observables, and asynchronous event handling in Angular applications.
* Leveraged **Azure services**, including **Azure Functions, App Services,** and **Service Bus**, for cloud-native event-driven architecture.
* Led **NuGet** package version standardization across projects to streamline library dependencies and reduce security vulnerabilities.
* Configured and optimized **Azure DevOps CI/CD pipelines**, automating build, test, and deployment workflows.
* Deployed and maintained **Azure Kubernetes Service (AKS)** clusters for container orchestration, enabling scalable cloud-based solutions.
* Implemented **Redis** and **RabbitMQ** for caching and message queuing, optimizing system performance.
* Integrated **Application Insights** and **Azure Monitor** for real-time logging, monitoring, and troubleshooting.
* Developed a **healthcare information management system** for patient data storage and retrieval using **.NET** and **WPF**.
* Utilized build tools like **Visual Studio,** and **SQL Server Management Studio** to streamline development workflows.
* Wrote unit tests using **NUnit**, **Jasmine**, and **Karma**, ensuring high test coverage and reliability.

**Environment**: ASP.NET Core/MVC,GIS, C#, MongoDB, Entity Framework, RESTful Web API, JSON, Angular 6, TypeScript, Blazor, Bootstrap, HTML, CSS, JavaScript, Azure (Functions, App Services, Event Grid, Service Bus, DevOps, AKS, Application Insights), Docker, Kubernetes, Redis, RabbitMQ, XUnit, Log4Net, Visual Studio, Visual Studio Code, SQL Server Management Studio, TFS.

**Role: .Net Developer**

**Client: Charter Communications, Negaunee, MI Aug 2017 to Sep 2018**

**Responsibilities:**

* Participated in **Agile SDLC** methodologies, including sprint planning, stand-ups, retrospectives, and code reviews, ensuring efficient project execution and task management with JIRA.
* Built **.NET Core 2.0 Microservices** replacing legacy WCF services, improving modularity and response times for cable service APIs.
* Developed applications using **ASP.NET MVC 5** and migrated legacy ASP applications, improving maintainability and scalability.
* Designed and implemented **SOAP-based WCF services** for seamless communication with existing legacy systems.
* Developed microservices and backend services **in .NET Core 2.0**, optimizing performance and scalability.
* **Utilized ADO.NET** and **Entity Framework** for efficient database interactions, improving query performance and reducing overhead.
* Developed dynamic approval forms and transaction interfaces using Kendo ComboBox, Grid, and TabStrip, tied to **SQL Server** and ADO.NET.
* Built responsive, interactive UI components using **Angular 5+ (TypeScript),** integrated with Bootstrap for consistent styling across desktop and tablet platforms.
* Migrated older ASP components to **Angular**-based mobile-first layouts, improving UX, accessibility, and responsiveness.
* Developed **Angular** services and reusable components for cable service interfaces, using **RxJS** for reactive data handling and **Angular** Forms for dynamic form behavior.
* Used **Angular** **Router** for client-side routing and navigation, enhancing performance and user experience.
* Integrated **AWS** databases **(RDS, DynamoDB)** for scalable and high-availability database solutions.
* Integrated **AWS** cloudsolutions, working with **EC2, S3** for optimized resource management.
* Implementedcontainerization andorchestration with **Docker** and **Kubernetes**, improving deployment scalability.
* Optimized **SQL Server performance**, developing Stored Procedures, Views, and Triggers for better data management.
* Designed and optimized **SSRS reports**, ensuring accurate data visualization and reporting.
* Used **TFS** for **version control**, ensuring smooth collaboration and source code management.
* Automated unit testing with **XUnit**, ensuring code reliability and maintainability.
* Integrated **Log4Net** for application logging and monitoring, improving issue tracking and debugging.

**Environment:** Visual Studio 2015/2017, C# 6.0, .NET Core 2.0, ASP.NET MVC 5, Web API 2, Entity Framework 6, WCF, REST, JSON, SOAP, jQuery, AngularJS, Redux, IIS 7.5/8.0, SQL Server 2012/2014, SSRS, SSIS, AWS (EC2, S3, SNS, SQS), Docker, Kubernetes, TFS, Jenkins.

**Role: .Net Full Stack Developer**

**Client: HDFC Bank, Hyderabad, India Oct 2014 to May 2017**

**Responsibilities:**

* Followed **Waterfall SDLC methodology** throughout the project lifecycle, ensuring a structured and systematic development process.
* Utilized **C#**, **ADO.NET**, and **XML** to retrieve data from **SQL Server 2008/2012** and dynamically display it on the UI.
* Designed and developed abstract classes, interfaces, and business logic layers in **C#**, ensuring reusable and modular code.
* Designed and developed front-end components using **ASP.NET WebForms**, **HTML5**, **CSS3**, **JavaScript**, **jQuery**, and **AJAX** to enhance user experience.
* Utilized **XML** and **XSLT** for data formatting and transformation before displaying it on the UI.
* Conducted unit testing using **NUnit** and **MSTest** frameworks to ensure code quality.
* Integrated **SOAP** and **RESTful Web Services**, ensuring seamless data exchange across distributed systems.
* Optimized database performance and security by developing **Stored Procedures**, **Indexes**, and **Triggers** in **SQL Server**.
* Used **Team Foundation Server (TFS)** for version control, continuous integration, and deployment automation.
* Debugged and optimized **C#** and **SQL** code, improving application performance and reducing system crashes.

**Environment:** Visual Studio 2010, C# .NET 3.5, Web Services, jQuery, IIS6, JavaScript, HTML, CSS, AJAX Toolkit, Oracle Developer, HTML, ReactJS, CSS, TFS.

**EDUCATION**

Bachelor’s of Technology : R.V.R & J.C. COLLEGE OF ENGINEERING (CSE) 2010 - 2014

**Certifications**

AZ:900 Azure Fundamentals

DP:900 Azure Data Fundamentals