

VISWA ANVESH

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PROFESSIONAL SUMMARY:

- Around **9** years of experience in the IT industry specializing in Software Development of **Java** and **J2EE** architecture-based systems.
 - Experience in Software planning, designing, developing products and building applications using methodologies like **Waterfall**, **Agile**, **Scrum** etc.
 - Strong understanding and working knowledge of Object-Oriented Concepts like **Data Structure**, **Collections**, **Multi-Threading**, **Exception Handling**, **Inheritance** and **Polymorphism**.
 - Designed scalable **front-end** and **back-end** components using **Spring Boot**, **React**, and **microservices**.
 - Developed and deployed robust APIs and **microservices** using **Java/J2EE** for seamless system integration.
 - Designed scalable **microservices architectures** with **Spring Boot**, **Spring Cloud**, and **Kafka** for high-traffic applications.
 - Implemented secure **RESTful APIs**, ensuring efficient communication between services.
 - Handled complex **transaction management**, **exception handling**, and **data validation** using **Spring Framework**.
 - Optimized database interactions using **Spring Data JPA** and **Hibernate ORM** for efficient data management.
 - Utilized **Spring Cache** to enhance performance by implementing caching strategies.
 - Configured and executed **batch jobs** using **Spring Batch** to automate business processes.
 - Developed unit tests with **JUnit** and **Mockito** to ensure high-quality, bug-free code.
 - Integrated **Jenkins** into **CI/CD pipelines**, automating builds and deployments.
 - Deployed applications using **AWS services** like **EC2**, **EKS**, and **AWS Database Migration Service** for cloud environments.
 - Led database migration projects using **AWS cloud** and **NoSQL databases**.
 - Managed relational databases, focusing on **MySQL** and **PostgreSQL** for scalable data storage.
 - Integrated **Kafka** and **REST APIs** for real-time messaging and distributed systems.
 - Applied best practices in **exception handling** and error recovery for enhanced reliability.
 - Optimized application performance by implementing **Java-based caching** with **Spring Cache**.
 - Migrated legacy applications to **microservices architectures** using **Docker**, **Kubernetes**, and **Kafka**.
 - Collaborated with Agile teams to deliver high-quality software solutions on time.
 - Developed cloud-based solutions with **AWS**, leveraging **Lambda**, **S3**, and **API Gateway**.
 - Utilized **Git** for version control, ensuring smooth collaboration and code integrity.
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PROFESSIONAL EXPERIENCE

Charter Communications, Charlotte, NC

Software Developer

Aug 2023 - Present

- Developed and **deployed** robust **APIs** and **microservices** using **Java/J2EE**, enabling seamless integration across applications.
- Designed and **built** scalable **microservices architectures** using **Spring Boot**, **Spring Cloud**, and **Kafka** to support high-traffic applications.
- Implemented **RESTful APIs**, ensuring secure and efficient communication between services.
- Handled complex **transaction management**, **exception handling**, and **validation** using **Spring Framework**.
- Validated data and **enforced** business rules in **Spring** applications to maintain system integrity.
- Leveraged **Spring Data JPA** and **Hibernate ORM** for efficient database access and management of relational data.
- Utilized **Spring Cache** to **optimize** performance and reduce database load by implementing caching strategies.
- Implemented **ORM frameworks** such as **Hibernate** and **JPA**, ensuring efficient mapping of Java objects to database entities.
- Configured and **executed** batch jobs using **Spring Batch** to automate critical business processes.
- Developed and **executed** unit tests with **JUnit** and **Mockito**, ensuring high-quality and bug-free code.

- Integrated **Jenkins** in **Continuous Integration** environments, driving automated builds and deployments.
- Deployed applications in **cloud-based environments**, utilizing **AWS** services like **EC2**, **EKS**, and **AWS Database Migration Service**.
- Led **database migration** projects to **AWS** cloud, working with NoSQL databases.
- Managed and **optimized** relational databases, focusing on **MySQL** for data storage solutions.
- Integrated and **managed** RESTful services using **Spring Boot**, **Kafka**, and **REST APIs** for seamless service communication.
- Applied best practices for **exception handling** and error recovery to enhance application reliability.
- Optimized application performance by implementing **Java-based caching solutions** using **Spring Cache**.
- Configured and **managed transaction management** in **Spring** applications, ensuring data consistency across distributed systems.
- Migrated legacy applications to **microservices architectures**, leveraging **Docker**, **Kubernetes**, and **Kafka** for scalable solutions.
- Collaborated in **Agile** and **Scrum** teams to deliver high-quality software on time, adhering to client requirements.

Bank of America, Charlotte, NC

Java Developer

Jun 2022 – Jul 2023

- Designed and **developed** high-performance, scalable web applications using **Java**, **Spring**, **Spark**, and **REST Services**.
- **Implemented** front-end and back-end components to deliver seamless user experiences, utilizing **Java**, **Spring Boot**, and **RESTful APIs**.
- Developed responsive user interfaces using **HTML**, **CSS**, and **JavaScript frameworks** like **Angular**, **React**, or **Vue.js**.
- Collaborated with **UX/UI** designers to build visually appealing, user-friendly interfaces.
- Designed and implemented server-side logic using **Spring Boot** and **Java** technologies for efficient back-end operations.
- Developed RESTful **APIs** to ensure seamless communication between front-end and back-end systems.
- Created and **optimized** database schemas, utilizing **MySQL**, **PostgreSQL**, and **NoSQL** databases like **MongoDB**.
- Implemented data storage solutions using relational and NoSQL databases for enhanced data management.
- Identified and **addressed** performance **bottlenecks**, optimizing code for maximum speed and scalability.
- Wrote unit tests with **JUnit** and conducted thorough debugging to ensure application stability and reliability.
- Collaborated with **QA** teams to conduct rigorous testing, ensuring high-quality software delivery.
- Worked closely with cross-functional teams, including product managers, **UX/UI** designers, and developers, to deliver end-to-end solutions.
- Participated in code reviews to maintain code quality and adherence to **coding standards** across the development team.
- Leveraged containerization tools like **Docker** and **Kubernetes** for efficient deployment in cloud environments.
- Utilized cloud platforms, including **AWS**, to build and deploy applications in scalable, secure environments.
- Integrated **Kafka** into the application architecture to handle real-time data streaming and event-driven processing.
- Designed and implemented microservices architectures with **Spring Boot** and **Kafka** for distributed systems.
- Managed version control systems like **Git**, ensuring proper code versioning, collaboration, and branching strategies.
- Utilized **DevOps** practices and tools to automate the deployment process, increasing delivery speed and reducing errors.

Pentagon Federal Credit Union, Remote

Junior Software Developer

Sep 2020 – May 2022

- Developed backend automation tests and services using **Java** and **Spring Boot** to ensure high-quality, scalable solutions.
- Utilized **AWS** cloud services such as **ECS**, **EKS**, **S3**, **Lambda**, and **SQS/SNS** to build and maintain cloud-based systems.
- Wrote and **executed** automated tests using **JUnit**, **Mockito**, **WireMock**, and **REST Assured** to validate backend applications and APIs.
- Leveraged **Python** for scripting automation tasks, streamlining backend processes and data flow.
- Implemented **Kafka** for messaging between microservices and real-time data processing in distributed systems.
- Worked with **GitHub** and **GitLab** for version control, ensuring smooth code collaboration and management.
- Designed and **wrote** unit test cases using **TDD** and **BDD** methodologies, ensuring robust test coverage.
- Automated backend testing using tools like **Postman**, **Cypress**, and **ReadyAPI**, enhancing test efficiency and accuracy.
- Collaborated in **Agile** development environments, utilizing tools such as **VersionOne** and **JIRA** for workload management.
- Configured and integrated continuous integration pipelines using **Jenkins** and **CircleCI**, automating the build and deployment processes.
- Created cloud data processing systems using **AWS services** like **DynamoDB**, improving data storage and analytics.
- Troubleshoot and **optimized** performance for cloud and on-premises systems, ensuring high availability and data integrity.
- Integrated relational databases like **PostgreSQL** with **AWS** services, improving data management and accessibility.
- Developed and **maintained** RESTful **APIs** and **microservices**, ensuring seamless system integrations and performance optimization.
- Automated test report generation using **Cucumber**, streamlining testing feedback for development teams.
- Deployed applications in **AWS Cloud** using **Docker** and **Kubernetes** for containerization and orchestration of microservices.
- Managed system integrations, optimizing performance and data flow between multiple services and databases.
- Used **SonarQube** for continuous code quality checks, improving code reliability and maintainability.
- Collaborated with **DevOps** teams to implement automated deployment pipelines and ensure code quality and quick releases.

RTI International, Remote

Software Developer

Mar 2020 – Sep 2020

- Developed and implemented full-stack solutions using **Java**, **Spring Boot**, **React**, and **microservices** to create scalable and user-friendly applications.
- Redesigned legacy Java applications using **Spring Boot** and **React**, modernizing system architecture and improving performance.
- Built serverless applications using **AWS Lambda**, **API Gateway**, and **Secrets Manager** for event-driven and cost-efficient cloud solutions.
- Integrated **Kafka** and **JMS (ActiveMQ)** for reliable messaging between microservices, ensuring smooth data flow in distributed systems.
- Worked with **AWS services** such as **EC2**, **S3**, **Route 53**, and **CloudWatch** to deploy and monitor applications in a cloud environment.
- Utilized **Oracle** and **PL/SQL** for database management, optimizing queries and database interactions for improved application performance.
- Collaborated with business users to define processes and translate them into technical requirements, ensuring alignment with business objectives.
- Designed and **developed** RESTful **APIs** for seamless integration between front-end and back-end components.
- Wrote efficient, maintainable code following best practices, using **Java**, **Spring**, and **React** frameworks.

- Implemented third-party **API integrations**, enhancing functionality and user experience in applications.
 - Configured build automation and continuous integration pipelines using **Maven**, **GitHub**, and **Jenkins** to streamline development and deployment processes.
 - Performed thorough testing and debugging of applications, leveraging unit testing with **JUnit** and integration testing frameworks.
 - Optimized application performance and scalability by applying performance tuning techniques in **Spring Boot** and **Tomcat**.
 - Deployed applications in a **Linux/Unix** environment, ensuring system compatibility and stability.
 - Managed code repositories and version control using **GitHub**, facilitating team collaboration and code integrity.
 - Monitored application health and performance using **AWS CloudWatch**, ensuring high availability and reliability.
 - Built microservices architectures using **Spring Boot**, enhancing modularity, scalability, and ease of maintenance in the applications.
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University of Massachusetts Dartmouth

Software Developer

Jan 2018 – Jan 2020

- Developed and maintained web applications for student and faculty portals using **Java** and **Spring Boot**.
 - Designed and **implemented RESTful APIs** to integrate various university systems, including **LMS** and library databases.
 - Created responsive user interfaces with **React.js** and **Bootstrap** for course registration and academic functions.
 - Applied **MVC architecture** and **Spring Security** to protect sensitive student and faculty data.
 - Developed **microservices** for modular application components, including course catalog management and event notifications.
 - Utilized **PostgreSQL** and **MySQL** for managing large datasets and academic performance metrics.
 - Integrated third-party educational tools, such as plagiarism detection and virtual classroom platforms.
 - Implemented data analytics features using **Apache Kafka** and **Spark** for real-time analysis of student engagement.
 - Developed automated testing frameworks with **JUnit** and **Selenium** to ensure application reliability.
 - Managed deployment and scaling of applications on **AWS** for high availability and performance.
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ZynoSnc Pvt Ltd, India

Junior Software Developer

Jan 2016 – Dec 2017

- Developed scalable and high-performance applications using **Java**, focusing on **multi-threading** for concurrent processing.
- Built and **deployed** microservices architectures using **Spring Boot**, enabling modular and distributed systems.
- Integrated **Kafka** for real-time messaging and event-driven architecture, ensuring efficient data communication between services.
- Implemented **Spring Security** for securing microservices, ensuring robust authentication and authorization mechanisms.
- Designed and **developed** microservices to handle complex business logic, leveraging **Java** and **Spring Boot**.
- Worked with **AWS** services, including **EC2**, **S3**, and **Lambda**, to deploy and manage cloud-based applications.
- Optimized multi-threaded applications using **Java**, improving the efficiency of parallel processing tasks.
- Implemented **CI/CD pipelines** using **Jenkins** and **GitHub**, automating the build, testing, and deployment processes.
- Utilized **Kafka** and **MQ** for messaging systems, enhancing real-time data processing and communication.
- Secured RESTful **APIs** and microservices using **Spring Security**, ensuring compliance with security protocols.
- Developed and **optimized** multi-threaded Java applications to handle concurrent processing efficiently.
- Deployed microservices on **AWS**, ensuring high availability, scalability, and monitoring with **CloudWatch**.
- Integrated **Kafka** for event streaming and handling large volumes of data between distributed services.

- Automated deployments and rollbacks using **CI/CD pipelines**, ensuring a faster, more reliable release cycle.
- Collaborated with teams to build secure, scalable systems using **Spring Boot**, **Spring Security**, and **Java**.
- Configured and managed **Kafka** topics and clusters to handle data streams in real-time for event-driven applications.
- Enhanced security for applications by implementing **Spring Security** features like OAuth2 and JWT-based authentication.
- Worked with **AWS** services like **API Gateway**, **EC2**, and **S3** for cloud-based microservices architecture.
- Developed and maintained multi-threaded applications using **Java**, focusing on concurrency control and synchronization.
- Improved development workflows by integrating **CI/CD pipelines**, reducing downtime and increasing deployment speed.

EDUCATION:

- Master of Science: Computer Science,
University of Massachusetts Dartmouth *Jan 2020*
- Bachelor of Technology: Computer Science,
Geethanjali College of engineering and Technology, India *May 2016*