**PRANAYA\_K**

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**SUMMARY:**

* Microsoft Azure certified Software Engineering with around **10+ years** of IT experience in Design, Development, and implementation using Java/J2EE Technologies.
* Has knowledge and experience in **all phases** of Software Lifecycle (Requirement gathering, Design, Development, Implementation and Maintenance).
* Hard working, detail-oriented graduate student in Computer Science with ability to articulate complex subject matter.
* Has working experience on HTML, CSS and JavaScript frameworks like **AngularJS**, **NodeJS** and libraries like **jQuery**, **ReactJS**, **RxJS**.
* Responsive Web Design (RWD) for several types of Devices like tablets and mobiles using media queries and libraries like **bootstrap**.
* Experience in working with **Collections API, Multithreading and OOPs technologies.**
* Experience in working with different **application frameworks** such as Spring, Hibernate and **building tools** like Maven and Ant.
* Experience in using build or deployment tools like **Jenkins** continues integration and deployment of **Microservices**. **Dockers, Kubernetes** and **OpenShift** for Containerization.
* Experience in developing applications using React.js and **Redux** on server side.
* Experience in working with **Object Relation Mapping** using Hibernate.
* Experience in writing **SQL/PLSQL stored procedures**.
* Strong knowledge and experience in various **design patterns** such as Data Access Object (DAO), Model-View-Controller (MVC), Singleton, Factory.
* Contributed to the technical documentation in several projects.
* Has experience in workflow for **agile scrum** and waterfall methodologies.
* Experience in Unit testing, Integration testing, Black box testing, White box testing.
* Strengths include excellent interpersonal and communication skills.
* Well experienced in debugging websites using **Firebug**, **Fiddler**, **Developer tools**.
* Excellent team player, dynamic, flexible with positive attitude and excellent learning skills.

**TECHNICAL SKILLS:**

Languages C, C++, Java, .NET

Java Technology Servlets, JSP, JDBC

Web Servers Apache Tomcat, Web Sphere

Frameworks Spring, Struts, Hibernate

Web Services & XML SOAP, REST, WSDL, XML, JSON and XSLT

Operating Systems Win NT, Windows 10, UNIX

Web Technologies HTML, JavaScript, Typescript, Bootstrap, CSS, React JS, Angular JS, Node JS

System Design Rational Rose, UML

Databases MS Access, SQL, My SQL, Oracle, DB2, MongoDB, NoSQL

Data Modeling Microsoft Visio, Rational Rose and UML Design

IDE Tools Eclipse, Net Beans

**PROFESSIONAL EDUCATION:**

**MS, Computer Science,** graduated in December 2014

University of Houston- Clear Lake, Houston, Texas

Course Work: DBMS, Internet Protocols, Web Application Development, Advanced Operating Systems.

**GPA: 3.51/4**

**BS, Computer Science,** graduated in May 2012

Sir CRR College of Engineering (Affiliated to Andhra University) Eluru, AP, India

Course Work: C, C++, Data Structures, DBMS, Java, Introduction to UNIX, Web Technologies.

**CGPA: 8.71/10**

 **PROJECTS:**

**Client: UBS Oct’24- till**

**Role: Sr. Full Stack Java Developer**

**Responsibilities:**

* Involved in Business Requirement gathering, analysis by interacting with BA, SAs and PMs.
* Extensive **SDLC** experience including **Requirement Analysis, Preparations of Technical Specifications Document, Design, Coding, Application Implementation, Unit testing, System Testing, Documentation, Production Support, Functional and Regression Testing**
* Developing backend API’s using **Java** 1.7/1.8, Spring and design patterns.
* Used Annotations for Spring Dependency Injection, Auto wiring and Spring MVC for REST API s and Spring Boot for Microservices and documented using swagger.
* Implemented deployments on **AZURE** cloud using services like **AKS, Azure VM, ACI.**
* Deployed many Spring-boot based micro services into **Docker container** using **AKS** container services.
* Used Rest Controller in spring framework to create **RESTful** Web services and **JSON** objects for communication.
* Provide assistance to globally host large applications within the bank, centrally operate and maintain applications.
* Part of converting small monolithic apps to **microservice** architecture using **spring** **boots** and deployed all **microservice** apps to **AZURE**.
* Involved in migrating legacy application to **private** **cloud**, identified the compatibility issues and fixed them.
* Involved in writing **unit** **test** **cases** using testing frameworks like **Junit**, **Mockito** and also manual testing for few modules.
* Also involved in many applications migrations and architectural discussions as part of **Credit-Suisse and UBS integration**. Played a key role in defining assembly line for oracle to **Postgres DB migrations and RHEL upgrades.**
* Developed many **SQL** queries to analyze debug and test issues. Also involved in triggering cron jobs from server by running scripts.
* Used **git** and **bitbucket** version control and **JIRA** for tracking.
* Provide technical and software architectural guidance and advice on migrations, initial on boardings and manage new business releases by understanding customer needs.
* Involved in **SCRUM** process of **AGILE** methodology and participated in Sprint planning and showcase meetings.

**Environment:**

**Java 7/8, Eclipse, Oracle 11g, XML, JMS, WebSphere v7.0, Apache Tomcat 6.0.37, Web Services, Spring boots, Maven, JSON, JIRA, HTML, CSS, ES 5/6, JSX, ReactJS, Redux, postman, GIT, Jenkins, Node JS, Rest API, Maria DB, Agile (SCRUM), Python, Golang, Azure, Ansible playbooks, helm.**

**Client: Credit Suisse May'22- Sec’24**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in requirement gathering discussion, story points estimations, capacity planning meetings, scrum and retrospective meetings as part of agile.
* UI Design and development of UI component and UI screens using **HTML, CSS, ES5, JSX, ReactJS, React- Redux and REST API** for CAAS and JAP portal.
* Developing REST based web services using JAX-RS and Axis to interact with backend.
* Used Spring MVC to implement business logic and spring boot using microservices.
* Collaborated with many application teams and helped them onboard their applications to **Open shift** as part of **DEVOPS** and **CAAS** Adoption team.
* Involved in giving assistance to programming team members during review and architecture meetings, maintaining and updating existing modules and applications.
* Used **Docker** and **Kubernetes** in containerizing applications and deployed the docker images.
* Used **Git** for branching and merging of source code. Ant and maven scripts for build and deployment of application in WebSphere Application Server.
* Used Oracle database and developed **PL/SQL store** **procedures**.
* Used **Eclipse**, **IntelliJ** as IDE tool for application development and **JIRA** for issue and bug tracking.
* Used Splunk and Log4J for logging and error tracking.
* Implemented test scripts based on user requirement. Code walk through, modules integration and unit testing using **Junit** and **Mockito**
* Involvedin application production support, trouble shooting of issues and application maintenance.
* Performed many POCs and coordinated with many application teams, architects, project managers and CTO’s in rolling out new upgrade in containers.

**Environment:**

**Java 7/8, Eclipse, Oracle 11g, XML, JMS, Websphere v7.0, Apache Tomcat 6.0.37, Web Services, Spring boots, Maven, JSON, JIRA, HTML, CSS, ES 5/6, JSX, ReactJS, Redux, postman, GIT, Odyssey, Jenkins, Node JS, Rest API, NPM, Openshift, Maria DB, Agile**

**Client: State of North Carolina - DHHS Apr'16- May’22**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in **design, develop, modify, debug and evaluate programs** for functional areas.
* Analyzing existing programs, formulates logic for new systems, preparing flowcharting, performing coding and testing/debugging programs.
* Client-side scripts using JAVA, JSP, HTML, CSS, VIM, UIM and Java Script.
* Used **react-route module** to develop Single Page Applications using **React**.
* Working with functional team to find the fit gaps in requirements.
* Integrated data from backend web service response, to the **react** components for Child Services Project.
* Developed several **REST** web services supporting both **XML** and **JSON**. REST web services leveraged by both web and mobile applications.
* Responsible for database design and developed stored procedures and triggers to improve the performance.
* Used **Multi-threading** to overcome the errors in the process of transactions, to handle all the threads by the main thread process.
* Worked on the **JAVA Collections** API for handling the data objects between the business layers and the front end.
* Customizing **IBM Curam** product solutions to meet the functional requirements.
* Used **ANT** scripts for automated deployment and preparing the build of the entire application.
* Involved in designing and deploying multitude applications utilizing almost all the **AWS** stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) focusing on high-availability, fault tolerance, and auto-scaling in AWS Cloud Formation.
* Designed asynchronous messaging using Java Message Service (JMS) to exchange of critical business data and events among J2EE components and legacy system.
* Knowledge on customizing **Curam IEG** (Intelligence Evidence Gathering) script based on the functional requirements.
* Actively involved in production support and resolved the production issues depending upon priority of issues.
* Used JUnit for the unit testing of various modules.
* Developed Complex database objects like Stored Procedures, Functions, Packages and Triggers using SQL and PL/SQL.

**Environment:**

**Java8, J2EE, Eclipse IDE, IBM Curam 6, SVN, Oracle 11g, RSA 8.5, XML,** **EJB, JSP, JMS, Websphere v7.0, Apache Tomcat 6.0.37, Web Services, Spring boots, Windows, JIRA, HTML, CSS, ES 5/6, JSX, ReactJS, Redux, postman, GIT, Node JS, Rest API, Enzyme, Jest and NPM**

**Client: Citi Group, SC Aug’15 –Mar ‘16**

**Role: Java Developer**

**Responsibilities:**

* Interacted with customers, CITI team members, identified System Requirements and developed Software Requirement Specifications.
* Designed and developed application components in an **agile** environment.
* Strong Experience **XML, HTML, JMS, JSP, Servlets, Core Java, JDBC, ANT and UNIX.**
* Created **Angular components** like Controller, Directives, Services and Forms to collect the input from the User.
* Built **SPA** with loading multiple views using route services using Angular and NodeJS.
* Created Angular components, implemented Interpolation, Input variables, Bootstrapping, NgFor, NgIf, Router Outlet, binding the events, decorators.
* Experienced in **producing and consuming RESTFul API’s** for one of the requirements defined in the project.
* Exposed the Spring POJOs as Web services to the UI layer.
* Expertise in **XML** and related technologies like **XSL, XSLT, XPath, XSD, JAXB** used **Spring Dependency Injection** (Inversion of Control).
* Used JUnit to unit test the APIs.
* Used **Maven** to build and deploy the application.
* **Used DAO Patterns to add the abstraction for the layered architecture.**
* Used Subversion as a version controlling for the source code check in and checkouts.
* Involved in **deployment of application on Web Sphere Application Server in Development** & QA environment.
* Part of Infrastructure team, involved in version upgrades and on-boarded many applications to RTC which is a pre-requisite for RLM.

**Environment**:

**Java, JEE, JSP, Servlets, Spring, Spring-Jersey, Hibernate, Subversion (SVN), RTC, Web Sphere Application Server, Angular and NodeJS, HTML, CSS, Bootstrap, Linux, JEE Design Patterns, XML, SOAP, WSDL, JAXB, JAX-WS, Maven, and SQL Server.**

**Client: Idealogix, IN Mar’15 – Jul’15**

**Role: Jr Java Developer**

**Responsibilities:**

* Involved in (OOAD) Analysis & Design for the project and prepared the technical documents for a distributed architecture at enterprise level.
* Developed Software Design Specifications and implemented them for several services Technologies and tools: **JSF, SOA, J2EE, Web Services, Hibernate, Spring, JMS, SOAP UI,** Linux, Web Sphere Application Server and Oracle.
* **Experienced in producing and consuming RESTFul API’s to retrieve the consumer data to the application layer.**
* Designed and implemented the user interface using **JSP, Servlets, HTML, CSS and JavaScript.**
* Used **Spring** Framework to implement **Business layer to Data access layer.**
* Worked on **XML Technologies, JAXB for binding data to java objects.**
* Implemented various design patterns **Singleton, Data Access Object (DAO), View Object.**
* Used **clear case** version control system for code management.
* Wrote SQL and PLSQL stored procedures as part of database interaction.
* Extensively used Hibernate for Object relational Mapping for data persistence.
* **Used Maven to build WAR files to deploy the application.**
* Processed Messages from **JMS** to **Web Services (SOAP).**
* Involved in writing of **Web Services using SOAP, WSDL, deployment, configuration and testing.**
* Configured **Jenkins** for continuous and daily builds.
* Actively involved in deploying the application to different test environments and supported.
* Release management and support. Participate in User Acceptance Testing during each Agile Cycle.
* Review proposed test cases with technical analysts, business analysts, developers and documentation staff to ensure understanding of system requirements from a QA perspective in order to achieve a high level of quality throughout this project.

**Environment**:

**Java, J2ee, HTML5, JavaScript, XHTML, CSS, JSP, Servlet, Spring, Spring-Jersey, Hibernate, SOAP, XML, XSD, WSDL, JAXWS, JMS, Angular JS, IBM Rational Clear Case, Web services, Oracle 10g, JBoss 5.1.0, Windows7, Eclipse IDE.**

**Client: Tetronix, TX**

**Gathering and Managing Temperature Readings Aug’14– Feb’15**

* This application replaces the traditional scheme with a new scheme which automatically gathers temperature from the individual recorders and store them in a centralized database from which it can be accessed to end users using GUI. Developed using Spring, JDBC, Maven, SOAP, RESTFul, XML, Eclipse, Oracle, Tomcat, JSP, HTML, CSS, JUnit, Servlets, Spring-Jersey and J2EE Design Patterns.