**Praveen Kaniki**

**Java Developer**

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# Summary

* Skilled Java Full Stack Developer with 4+ years of experience in designing, developing, and maintaining applications.
* Developed and maintained web applications using Java 11/17, Spring Boot, and microservices architecture, leveraging Spring MVC, Spring Data JPA, and Hibernate.
* Designed dynamic front-end interfaces with Angular (v7/11/13) and React (v16/17), integrating with backend services and implementing responsive design using HTML5, CSS3, and JavaScript.
* Experienced in designing and deploying cloud-based workflows using GCP services such as Compute Engine, Google Kubernetes Engine (GKE), Cloud Run, Cloud Storage, and Firestore. Proficient in automating cloud operations using Python scripts for data management and instance orchestration
* Implemented and managed cloud solutions using AWS (Lambda, API Gateway, EC2, S3, RDS), Azure, and GCP.
* Integrated messaging systems like Apache Kafka and RabbitMQ, and performed advanced database operations with SQL/PLSQL, including database migration and optimization for Oracle, PostgreSQL, MySQL and MongoDB.
* Expertise in Core Java with a strong understanding and working knowledge of (OOP) Object-Oriented Concepts like Collections, Multithreading, Data Structures and algorithms, Exception Handling, and Polymorphism
* Extensive experience in application development using Java, JSP, Servlets, JDBC, JUnit, Log4J, XML, JavaScript & HTML
* Experience in developing Web based GUI’s using JSP, HTML5, DHTML, CSS3, JavaScript, JQuery, and Ajax
* Good work experience in writing SQL queries with major Relational Databases like PostgreSQL and Oracle.
* Experience test-driven development, unit testing & other tools like Selenium web driver, Cucumber, JUnit, Postman & Log4j
* Extensive development experience on different IDEs like Eclipse and NetBeans.
* Good knowledge of tracking systems such as JIRA and version control tools such as Git or GitHub.
* Applied Agile methodologies, including Scrum, for effective project management and collaboration.

# Skills

**Methodology:** SDLC, Waterfall, Agile

**Programming Languages:** Java, C++, PL/SQL, Python, Scala

**Frameworks:** Spring MVC, Spring, Hibernate, Spring Boot, Spring Security, Spring Data JPA

**J2EE Technologies:** Servlets, JSP, JDBC, JUnit, JAXB, JMS, JSTL, Multi-threading, EJB, JavaBeans, JSF

**IDEs & Databases:** IntelliJ IDEA, Eclipse, Visual Studio Code, Oracle, MySQL, SQL Server, PostgreSQL, MongoDB

**Web Technologies:** HTML5, CSS3, JavaScript, RESTful APIs, GraphQL, TypeScript, Ajax, XML, JSON, Angular, React

**DevOps & Cloud Platforms:** Docker, Kubernetes, Jenkins, Bamboo, Ansible, AWS, Azure, Google Cloud Platform (GCP)

**Version Control & Other Tools:** Git, SVN, Gitlab, Bit Bucket, Maven, Gradle, Ant

**Testing and Logging Tools:** Junit, Mockito, Selenium, TestNG, Power Mock, JMeter, Jest, Enzyme, Cucumber, Log4J **Soft Skills:** Effective verbal and written communication, Problem-solving, and Troubleshooting skills

**Operating Systems:** Windows, Linux, Unix

# Personal Projects

## Ecommerce website

* Technologies Used: Angular (Frontend), Java (Backend), REST APIs, MySQL (Database)
* Designed and developed a full-stack e-commerce platform catering to two personas: Seller and Customer.
* Implemented seller features, including product listing, inventory management, and sales tracking.
* Built customer-facing functionalities, such as product browsing, cart management, and secure checkout process.
* Integrated secure authentication and role-based access control for seamless user management.
* Ensured optimal performance and scalability by designing efficient backend services using Java and REST APIs.
* Conducted rigorous testing to ensure a bug-free and responsive user interface across devices.
* Collaborated on database design to handle complex queries for real-time data retrieval and updates.

## Make My Resume

* Technologies Used: Angular, NgRx (State Management), HTML, CSS
* Designed and developed a responsive web application enabling users to create personalized resumes using pre-designed templates.
* Implemented a dynamic resume builder that customizes templates based on user-provided details.
* Utilized NgRx for efficient state management to store and manage user data across the application.
* Ensured a seamless user experience with real-time updates and auto-save functionality.
* Designed a responsive and visually appealing interface using HTML and CSS for cross-device compatibility.
* Conducted unit and integration testing to ensure the application's reliability and performance.
* Optimized the application for performance and scalability, resulting in faster load times and improved user engagement. Professional Experience

## Altimetrik, | Java Developer Sep 2021 – Aug 2023

* Led the development of application using Agile methodology with Java 11/J2EE, Spring Boot, and RESTful Web Services.
* Developed UI components with Angular, including features for order management, prescriptions, and billing, and implemented server-side functionality with Java Server Pages (JSP), Servlets, and Node.js.
* Designed and deployed applications on GCP using services such as Compute Engine, Cloud Storage, Cloud Functions, Cloud SQL, and Firestore.
* Architected Java 11-based microservices using Spring Cloud, Spring Boot, and Hibernate, incorporating EJB.
* Utilized Hibernate ORM for effective data persistence.
* Implemented transaction management and data consistency with Java Transaction API (JTA) and Spring transactions.
* Applied core Java concepts including Streams API, Collections Framework, and concurrency utilities.
* Implemented authentication and authorization mechanisms with Spring Security, OAuth2, and JSON Web Tokens (JWT), and used Spring AOP for logging and metrics.
* Implemented a microservice architecture leveraging Spring Boot-based services, interacted via REST APIs and Apache Kafka message broker, along with SQS.
* Utilized Spring Dependency Injection (Spring IOC) to inject Spring Beans.
* Developed web applications with Spring Boot, Spring MVC, and Java 11.
* Conducted unit testing with JUnit and Mockito.
* Engaged in DevOps processes, utilizing Jenkins for CI/CD pipelines and utilized Maven for build automation
* Developed user interfaces using Angular, HTML, CSS, jQuery, Node.js and TypeScript, ensuring user experience.
* Managed project documentation using Jira and leveraged GitHub for version control.
* Utilized Splunk for log management and Log4j for efficient error logging and monitoring.
* Deployed applications on Apache Tomcat and developed Swagger API documentation for microservices.
* Implemented Docker and Kubernetes for container orchestration.
* Managed Oracle DB and MS SQL Server databases, writing SQL and PL/SQL queries for data manipulation and analysis.
* Designed efficient database schemas for SQL and NoSQL databases, including MongoDB.
* Designed workflows using GCP services such as Compute Engine, Google Kubernetes Engine (GKE), Cloud Run, Cloud Storage, and Firestore.
* Utilized DynamoDB for NoSQL data storage and CloudWatch for real-time monitoring, implementing event-driven architectures with SNS and SQS for reliable data handling.

## JOTTER.AI, India | Software Engineer Feb 2019 - Aug 2021

* Utilized Agile methodologies, including Scrum, to manage projects.
* Developed and maintained backend applications using Java 8/J2EE technologies, including Servlets, JSP, EJB, JPA, and Hibernate.
* Designed and implemented Microservices architecture with Spring Boot, integrating REST APIs.
* Employed ReactJS for dynamic UIs, integrating JSP, jQuery, Node.js, Bootstrap, JSON, and AJAX
* Implemented Spring Security for method-level and Spring AOP for URL-level authorization.
* Leveraged Hibernate ORM for efficient database interactions and data persistence.
* Applied Spring Dependency Injection (Spring IoC) to manage Spring Beans and improve code modularity.
* Integrated Apache Kafka for asynchronous communication between microservices.
* Designed dynamic web pages with React JS, JavaScript, HTML, CSS, jQuery, and TypeScript, focusing on interactive and responsive user interfaces.
* Developed reusable components and managed state with React hooks, and Redux, and utilized React Router for navigation.
* Utilized Docker Swarm and Kubernetes for container orchestration, and setting up automated builds on Docker HUB.
* Developed scalable web applications with Spring Boot, Spring MVC, and Java 8, utilizing MVC architecture and Spring IoC for dependency management.
* Enhanced API security using Spring Security and OAuth2.0 for secure authentication and authorization.
* Managed and optimized PostgreSQL and MySQL databases, incorporating MongoDB NoSQL for flexible document storage solutions.
* Designed and deployed applications using AWS services, including EC2, EKS, DynamoDB, S3, Lambda, SNS, SQS, and API Gateway.
* Led database migration projects from DB2 to AWS DynamoDB, ensuring seamless data transfer and integration.
* Automated deployments and infrastructure management with Terraform.
* Integrated GitHub with Jenkins for CI/CD pipelines.
* Implemented automated testing frameworks including JUnit, Mockito, Cucumber, and Selenium.
* Utilized Splunk and Log4j for effective logging and monitoring
* Collaborated on project documentation and management tasks using Jira.

# Education

**Master’s in Computers and Information Systems**

Southeast Missouri State University, Cape Girardeau, MO

## Bachelor’s in Computer Science and Engineering

KU college of Engineering and Technology, Warangal, Telangana