



Umesh India

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SUMMARY:

Results-driven Java Full Stack Developer with 6+ years of experience in designing, developing, and deploying scalable web applications. Proficient in Java, Spring Boot, Micro services, and frontend frameworks like React.js and Angular. Strong expertise in AWS, Azure, and GCP, leveraging Terraform and Ansible for Infrastructure as Code (IaC), Skilled in CI/CD automation with Jenkins, GitLab CI, and GitHub Actions to streamline deployments. Hands-on experience with Docker, Kubernetes (K8s), and RESTful APIs/GraphQL. Solid understanding of networking (TCP/IP, DNS, VPN), security (IAM, RBAC, OAuth2, JWT), and monitoring tools like Prometheus, Grafana, and ELK Stack. Passionate about DevOps culture, agile practices, and cloud-native solutions, optimizing performance, scalability, and code quality. Experienced in mentoring teams, conducting code reviews, and implementing SOLID principles for maintainable enterprise applications.

SKILLS:

- **DevOps Tools:** Azure DevOps, Aws DevOps, GitLab, GitHub, Bit bucket, Maven, Gradle, CI/CD, Jenkins, Jira, Sonar Qube, Junit, Mockito, Jacoco, Log4j, JMeter, Ansible, Chef, Docker, Kafka, Kubernetes, Swagger, Terraform, Azure, GCP, scrum, Restful APIs, Kanban, agile, Postman, Nexus, JFrog, networking, API, GenAI, ChatGpt
- **Web Technologies:** HTML5, CSS3, JavaScript, JSON, Angular 10+, ReactJS, Boot Strap, NodeJS
- **Databases:** Oracle, SQL Server,MySQL, Postgresql, Mongo DB, Redis Cache, ORM, JDBC, Hibernate
- **Scripting Languages:** Python, Bash, Power Shell, Groovy, Nosql
- **Framework:** Spring Web MVC, Spring REST, Spring Security, Spring Cloud, Spring Data JPA, Spring Boot Framework
- **Monitoring & Logging:** ELK Stack (Elasticsearch, Logstash, Kibana), Prometheus, Grafana, Splunk, Nagios, datadog
- **App/Web servers:** Apache HTTP Server, Nginx, Apache Tomcat, JBoss, IBM WebSphere, Ubuntu, Linux, Unix
- **Programming Languages:** C, C++, C#, R, Java, JavaScript, Python, Golang, Perl, Ruby, PHP, Angular, node.js, React

SOFT SKILLS:

Communication | Teamwork | Adaptability | Attention to Detail | Problem-Solving | Critical Thinking | Patience | Stress Handling | Time Management | Conflict Resolution | Leadership | Multitasking | Decision-Making | Interpersonal Skills

CAREER ACHIEVEMENTS:

- **Optimized Application Performance:** Refactored and optimized Java-based applications using **Spring Boot** and **Hibernate**, improving API response times by **40%** and enhancing system efficiency.
- **Enhanced Frontend Experience:** Developed dynamic, responsive UI components using **React.js** and **Angular**, leading to a **30% improvement** in user engagement and reducing load times.
- **Improved Deployment Efficiency:** Integrated **CI/CD pipelines** with **Jenkins** and **GitLab CI**, automating build and deployment processes, reducing release cycles by **40%**, and minimizing production issues.
- **Scalable Micro services Architecture:** Designed and implemented **RESTful and GraphQL APIs** using **Spring Boot** and **Spring Cloud**, ensuring seamless communication between micro services and improving modularity.
- **Implemented Robust Security Standards:** Strengthened application security by implementing JWT-based authentication, OAuth 2.0, and role-based access control (RBAC), ensuring secure user interactions.
- **Improved Code Maintainability:** Followed SOLID principles, design patterns, and TDD (Test-Driven Development) using JUnit and Mockito, increasing test coverage and reducing bug density by 35%.
- **Seamless Cloud Integration:** Deployed Java-based micro services on **AWS and Azure**, leveraging **Docker and Kubernetes**, improving scalability and fault tolerance.

WORK EXPERIENCE:

Full Stack Software Engineer
Fifth Third Bank, Remote

Jan 2023 – Present

- **Automated Application Deployment:** Developed CI/CD pipelines using Jenkins, GitHub Actions, and GitLab CI, streamlining Java Spring Boot application deployments and reducing manual interventions by 60%.
- **Proficient in Full-Stack Development:** Built and optimized Java Spring Boot micro services, integrated with React.js/Angular, and implemented RESTful and GraphQL APIs to enhance frontend-backend interactions.
- **Enhanced Application Security & Compliance:** Implemented JWT, OAuth2, SSL/TLS encryption, and RBAC, ensuring secure authentication and achieving compliance with ISO 27001 standards.
- **Led Scalable Cloud Deployments:** Migrated and optimized Spring Boot and React.js applications on AWS, Azure, and GCP, ensuring high availability and scalability.
- **Optimized Messaging & Event-Driven Systems:** Integrated Apache Kafka and RabbitMQ for efficient async processing and real-time event-driven architecture.
- **Gen AI Integration in Applications:** Integrated OpenAI, LangChain, and Hugging Face models into Java-based applications for chatbots, document processing, and intelligent search functionalities.

- Advanced Monitoring & Alerting: Deployed Prometheus, Grafana, and Splunk for proactive monitoring, improving incident detection and resolution by 40%. Integrated Nagios, New Relic, and Datadog for comprehensive application health monitoring.
- Implemented modern DevSecOps practices by integrating **security automation in CI/CD pipelines**, enhancing application security by **40%**.

Java Developer

Nov 2021 – Aug 2022

Infosys Pvt LTD, Hyderabad

- Cloud Service Integration: Developed and integrated AWS Lambda, Azure Functions, and Google Cloud Pub/Sub within a unified Java Spring Boot architecture, enabling scalable event-driven processing and reducing infrastructure costs by 25%.
- Developed and secured scalable microservices using Spring Boot, implementing RESTful APIs (B2B) with Spring REST, improving system integration efficiency by 40%.
- Built interactive web applications (C2B) using Spring Web MVC, enhancing user experience by 35%.
- Integrated Spring Security for authentication and authorization, leveraging OAuth2 and JWT, reducing security vulnerabilities by 50%.
- Designed and deployed microservices architecture on Spring Cloud, utilizing Eureka for service discovery and API Gateway for centralized routing, improving scalability and fault tolerance by 60%.
- Enhanced Logging & Performance Analytics: Integrated ELK Stack (Elasticsearch, Logstash, Kibana) and Splunk to improve system observability, enabling real-time performance insights and proactive issue resolution.
- Led cross-functional teams in project management and Agile methodologies, ensuring on-time delivery of critical financial applications.

Java Developer Engineer

June 2018 – Oct 2021

Tata Consultancy Services, Hyderabad

- Worked closely with other business analysts, development teams and infrastructure specialists to deliver high availability solutions for JAVA applications.
- Designed and implemented reusable React components to streamline development and ensure consistency across the application.
- Gathered and defined customer requirements to develop clear specifications for project plans.
- Developed back-end interfaces using SQL packages, stored procedures, Functions, Procedure, Anonymous SQL programs, Exception Handling in PL/SQL programs.
- Developed unit test cases using Mocha and Chai as unit test runner to test various React JS components.
- Developed interactive UI components using React.js and integrated them with backend APIs.
- Managed database operations using Hibernate and optimized queries for performance.
- Implemented CI/CD pipelines with Jenkins, automating build and deployment processes.
- Wrote unit and integration tests using JUnit and Mockito to ensure application stability.
- Deployed applications on AWS and configured cloud-based storage solutions.
- Integrated payment gateway (Stripe/PayPal) for secure transactions.
- Implemented spring framework for Dependency Injection, support for the Data Access Object (DAO) pattern and integration with Hibernate.
- Gained expertise in financial sector compliance, including PCI-DSS, SOC 2, and GDPR, ensuring regulatory adherence and risk mitigation.
- Used Spring Boot to build the Microservices for the system integrations. Developed static and dynamic Web Pages using HTML5, CSS4, Angular9, Bootstrap
- Created as well as consumed the SOAP as well as RESTful web services using SOAP, Secure LDAP (LDAPS) encrypts LDAP traffic using SSL/TLS.
- Used Microservices architecture with Spring Boot, Apache Kafka message broker, deployed to AWS.

EDUCATION:

Masters in Information Systems

Aug 2022 – Aug 2023

University of Utah, USA

Computer Science Engineering

Jul 2014 – May 2018

Gitam University, India

CERTIFICATIONS:

AWS Certified Developer

REFERENCE:

Available upon request.