

Yeswanth Vajja

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SUMMARY:

- Full Stack Java Developer with over 6 years of hands-on experience in designing, developing, and deploying large-scale enterprise applications using Java 8/11, Spring Boot, Microservices, and ReactJS.
- Strong expertise in Spring Framework (Core, Boot, MVC, Security, Cloud, Batch) and Hibernate ORM, delivering efficient, modular, and scalable backend solutions.
- Experienced in frontend development using ReactJS, Angular, JavaScript (ES6+), HTML5, CSS3, Bootstrap, and TypeScript, creating responsive and user-centric interfaces.
- Adept in cloud-native architectures and deployments using AWS, Docker, Kubernetes, and Terraform, with focus on automation through CI/CD pipelines (Jenkins, GitHub Actions).
- Hands on experience LLM-powered chat assistants, natural language search, RAG pipelines with vector stores for context-aware answers; model integration via secure APIs; prompt/guardrails, fine-tuning and embeddings.
- Skilled in building secure systems with OAuth2, JWT, and Spring Security, and developing APIs leveraging REST, GraphQL, and Kafka messaging systems.
- Collaborative Agile team member with experience in Scrum ceremonies, TDD, peer reviews, and mentoring, ensuring maintainable code and continuous delivery.

CERTIFICATION:

- Oracle Cloud Certified Developer Professional
- Oracle Cloud Certified DevOps Professional
- Oracle Cloud Certified AI Foundations Associate

PROGRAM AND BOOTCAMP TRAININGS:

Xplora IT Labs Pvt. Ltd. | Full Stack Java Developer Bootcamp | Sept 2018 – July 2019 | Hyderabad, India

- Completed an intensive Full Stack Java Developer Bootcamp, mastering Core Java, Spring Boot, Hibernate, ReactJS, and RESTful APIs.
- Built and deployed small-scale microservice-based applications, integrating Spring Boot backends with Bootstrap-based front-ends.
- Practiced version control and CI/CD fundamentals using Git, Maven, and AWS Free Tier environments for testing.
- Worked in Agile sprints, performing unit testing with JUnit, and participating in team-based projects simulating live industry workflows.

EDUCATION:

- Master of Science in Computer Science – Wayne State University, May 2024
- Bachelor of Technology in Electronic Engineering – Vellore Institute of Technology, May 2019

TECHNICAL SKILLS:

Languages & Technologies: Java, Spring Boot, Python, JUnit, Apache Kafka, RESTful APIs

Cloud & Databases: Docker, Kubernetes, GraphQL, DynamoDB, SQL, MySQL, AWS, NoSQL (MongoDB)

Web Development: CSS, HTML, ReactJS, NodeJS, JavaScript, Angular

Cloud Platforms: Azure, AWS (EC2, S3, RDS), OpenShift

J2EE Technologies: Servlets, Struts, EJB, JSF, JDBC, JNDI, JMS, JTA, Micro Profile, Helidon, Quarkus

Web Services: REST, SOAP, GraphQL, gRPC, Swagger, Async API

Frameworks: Spring (Core, Boot, MVC, Batch, Security, Cloud, Data JPA), Hibernate, Micronaut

AI & GenAI: LLMs, RAG, LangChain, vector stores (Pinecone), fine-tuning (LoRA/QLoRA), OpenAI API.
DevOps & Version Control: CI/CD using Jenkins, GitHub Actions, Docker, Kubernetes, Git, GitBash, Harvest, SVN

WORK EXPERIENCE:

Subaru of America

Full Stack Java Developer

Jun 2023 – Present

- Designed and implemented Spring Boot microservices to process vehicle telemetry data, enabling real-time analytics for dealerships and service centers.
- Built RESTful and GraphQL APIs for customer data synchronization between vehicle systems and marketing platforms.
- Developed ReactJS dashboards with TypeScript and Bootstrap to visualize telemetry insights for end users.
- Built a RAG-based diagnostics tool using an LLM with vector search over telemetry, service bulletins, and repair manuals and parts recommendations directly in the React dashboard with secure API hooks.
- Migrated critical modules to AWS Cloud using EC2 and RDS, with deployments automated through Docker and Kubernetes.
- Implemented Spring Security with OAuth2 and JWT for securing microservices communication and access control.
- Optimized database performance with advanced SQL tuning, connection pooling, including pagination, indexing, and query profiling to reduce latency under high load.
- Integrated Kafka-based event-driven messaging for high-throughput data streaming between microservices.
- Set up observability with centralized logging, metrics, and tracing using ELK, Prometheus, Grafana, and to speed root-cause analysis and improve performance.
- Automated builds and multi-environment deployments using Jenkins pipelines and GitHub Actions, improving CI/CD efficiency.
- Designed Swagger documentation and JUnit test suites to enhance maintainability and service reliability.
- Collaborated with architects to optimize existing APIs for scalability and system resilience under high load.
- Participated in Agile sprints, contributing to planning, estimation, peer code reviews, and sprint retrospectives.

Environment: Java 8/11, Spring Boot, Spring Cloud, Spring Security, Hibernate, Kafka, GraphQL, ReactJS, TypeScript, Bootstrap, AWS (EC2, S3, RDS, EKS), Docker, Kubernetes, Jenkins, GitHub Actions, PostgreSQL, Terraform, Agile, JUnit.

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Software Developer

Aug 2018 – Jul 2022

- Engineered and supported microservice-based reinsurance management systems using Spring Boot, Hibernate, and REST APIs.
- Developed ReactJS and Angular-based UIs to streamline policy handling, claims processing, and risk analytics for global clients.
- Built secure data integration pipelines using Spring Batch and Spring Security, ensuring consistent and compliant data flow.
- Enhanced system performance by optimizing SQL queries, stored procedures, and database indexing strategies.
- Implemented event-driven policy and claims workflows with AWS SNS/SQS and Redis caching for faster responses and DLQs/retry policies to improve resilience and reducing latency across microservices.
- Implemented GraphQL APIs for flexible data retrieval and real-time insights for reinsurance operations.
- Coordinated with QA and DevOps teams for load testing, regression validation, and performance tuning via JMeter.
- Automated data validation and reporting tasks using Spring Batch with integrated email notifications.
- Deployed microservices on AWS Elastic Beanstalk and S3, leveraging CI/CD through Jenkins and Dockerized containers.
- Deployed and managed microservices on Kubernetes using Helm with autoscaling and health checks.
- Collaborated on UI standardization by creating reusable React components and integrating accessibility features.
- Followed Agile methodology with bi-weekly sprint reviews, retrospectives, and continuous feedback loops.

Environment: Java 8, Spring Boot, Spring MVC, Spring Batch, Hibernate, ReactJS, Angular 8, GraphQL, AWS (Elastic Beanstalk, S3), Docker, Jenkins, Git, JIRA, JMeter, PostgreSQL, MySQL, MongoDB, REST APIs, OAuth2, Agile Scrum.