

Anjali Podila

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SUMMARY

- Software Engineer with 4+ years of experience in full-stack development, distributed systems, microservices, cloud-native applications, REST API development, and enterprise software solutions.
- Proficient in Java, Python, JavaScript/TypeScript, building scalable web applications and microservices architectures.
- Strong background in frontend development using React.js, Angular, Vue.js, and modern UI frameworks, emphasizing responsive design and cross-browser compatibility.
- Skilled in backend development with Spring Boot, Node.js, Express.js, Django and integrating RESTful and GraphQL APIs.
- Skilled in containerization and orchestration with Docker, Kubernetes, Helm, enabling highly available, cloud-native deployments on AWS, Azure, GCP with a focus on cloud security and scalability.
- Applied machine learning models using TensorFlow and Scikit-learn for predictive analytics and intelligent automation.
- Expertise in building event-driven architectures with Apache Kafka and RabbitMQ for responsive, distributed systems.
- In-depth knowledge of authentication and security protocols including OAuth2, OpenID Connect, JWT, SSL/TLS, RBAC, Identity and Access Management (IAM), multi-factor authentication (MFA), and data encryption.
- Advanced database management with PostgreSQL, MySQL, SQL Server, Oracle DB, MongoDB, NO SQL, Redis, ensuring high performance, scalability, data integrity, and query optimization.
- Proficient in CI/CD automation using GitHub Actions, Jenkins, GitLab CI, and IaC tools like Terraform and Ansible.
- Experienced working in Agile/Scrum environments with a focus on TDD/BDD, high-quality coding standards, code reviews, continuous delivery, and technical documentation.
- Collaborative, results-oriented team player with a proven track record of delivering innovative business solutions.

SKILLS

- **Programming Languages:** Java, Python, TypeScript, JavaScript, C++, SQL
- **Frontend Development:** HTML5, CSS3, React.js, Angular, Vue.js, Bootstrap, Material-UI, Tailwind CSS
- **Backend Development:** Spring Boot, Spring Cloud, Node.js, Express.js, Django, Flask
- **Database Management:** PostgreSQL, MySQL, Oracle DB, SQL Server, NO SQL, MongoDB, Redis, Hibernate, JPA
- **Messaging & Event-Driven Architecture:** Apache Kafka, RabbitMQ
- **Version Control & CI/CD:** Git, GitHub, GitLab CI, Jenkins, GitHub Actions, Bitbucket
- **Containerization & Orchestration:** Docker, Kubernetes, Docker Compose, Helm
- **Authentication & Security:** JWT, OAuth2, OpenID Connect, SSL/TLS, RBAC, IAM, MFA
- **Cloud & DevOps:** AWS (EC2, Lambda, API Gateway, S3), Azure (App Services, AKS), GCP (GKE, Cloud Functions, Pub/Sub), Terraform, Ansible
- **API Development & Management:** RESTful APIs, GraphQL, SOAP APIs, AWS API Gateway, Postman, Swagger
- **Testing & Automation:** JUnit, Mockito, Mocha, Jest, Cypress, Selenium, Postman, Load Testing
- **Machine Learning & AI:** TensorFlow, Scikit-learn, OpenAI API, LLM integration.
- **Agile & Software Development:** Scrum, Kanban, Waterfall, TDD, BDD, Jira, Confluence
- **Miscellaneous Tools:** SonarQube, IntelliJ IDEA, Eclipse IDE, Visual Studio Code, Draw.io, Slack

WORK EXPERIENCE

Innosoft Corporation

June 2024 – May 2025

Software Engineer – Intern

- Contributed to the Innosoft Connected Buildings Platform, developing React.js dashboards integrated with GraphQL APIs and AWS API Gateway, delivering real-time visibility and control for enterprise smart building systems.
- Engineered backend microservices using Node.js, Express.js, and MongoDB, supporting scalable data processing pipelines for sensor data and building telemetry.
- Implemented TensorFlow-based predictive maintenance models for HVAC and lighting systems, improving equipment uptime by 25% and reducing energy costs.
- Automated containerized deployments with Kubernetes and Helm on GCP, improving deployment frequency by 35% and ensuring highly available cloud-native services.
- Enhanced application security and user experience by integrating OAuth2 and OpenID Connect for seamless single sign-on (SSO) and access control.
- Applied BDD and modern testing frameworks to achieve 90% test coverage, ensuring high-quality, reliable releases in a regulated environment.

Quotient Technology

November 2020 – July 2023

Software Engineer

- Spearheaded the Global HR Management Cloud Migration project, leading end-to-end development using Java and Spring Boot to modernize a legacy HR management suite on Azure Cloud with Kubernetes, Docker, and Helm, delivering a scalable and resilient architecture.
- Designed and implemented secure RESTful APIs using Java and Spring Cloud, ensuring seamless integration with third-party HR applications and internal enterprise platforms.
- Developed enterprise-grade SSO and authentication mechanisms with OpenID Connect, OAuth2, JWT, MFA, and IAM policies, enhancing security and compliance across multi-regional deployments.
- Automated container orchestration and CI/CD pipelines with Kubernetes, Docker Compose, Jenkins, and GitHub, reducing deployment times by 40%.
- Built optimized data persistence layers with Hibernate, JPA, and Java, interacting with PostgreSQL, SQL Server, and Oracle DB to support large-scale HR analytics and reporting.
- Integrated Apache Kafka to enable real-time event-driven communication across distributed Java-based microservices, improving system responsiveness and scalability.
- Ensured high code quality and robust testing coverage with JUnit, Mockito, Selenium, Load Testing, and Postman, achieving 99.9% production API uptime.
- Collaborated with cross-functional teams in an Agile Scrum environment, consistently exceeding sprint delivery goals and enhancing team productivity by 15%.
- Enforced coding standards and maintained code quality using SonarQube and Java best practices, contributing to long-term maintainability and reducing technical debt by 30%.

PROJECTS

Enterprise Subscription Management System

Tools: Java, Spring Boot, Spring Cloud, PostgreSQL, Hibernate, JPA, RESTful APIs, OAuth2, JWT, Docker Compose

- Designed and developed a subscription management platform enabling automated billing, user management, and service provisioning for SaaS businesses.
- Integrated secure RESTful APIs with OAuth2 and JWT authentication and built a robust data layer ensuring transactional consistency and high scalability.
- Implemented containerized deployments using Docker Compose, streamlining local development and enabling consistent environments across staging and production.

E-Commerce Recommendation Engine

Tools: Python, Scikit-learn, Flask, REST APIs, Docker Compose, Redis

- Built a recommendation engine providing personalized product suggestions based on user purchase history and behavioural data.
- Applied feature engineering techniques and trained classification and collaborative filtering models to improve recommendation relevance.
- Integrated the engine with an e-commerce frontend through REST APIs, enabling real-time personalized recommendations on product pages.

EDUCATION

Master of Science in Computer Science

August 2023 – May 2025

California State University| **CGPA: 3.5**

Bachelors in Computer Science and Engineering

June 2017 – May 2021

K L University| **CGPA: 8.5**