

Haneesha Aldena

Full Stack Developer

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SUMMARY

Full Stack Developer with **3+ years of hands-on experience** designing, developing, and deploying scalable applications. Skilled across **frontend, backend, cloud, and DevOps** with expertise in **Java, Spring Boot, Node.js, React.js, AWS, Docker, and Kubernetes**. Proven track record of delivering **high-performance microservices, RESTful APIs, and data pipelines** in fast-paced Agile teams. Certified in **AWS Solutions Architect – Associate** and **SnowPro Core**, with a strong focus on building secure, reliable, and future-ready solutions.

TECHNICAL SKILLS

Languages & Frameworks: Java, JavaScript (ES6+), TypeScript, Node.js, Express.js, Spring Boot, Scala, Spring MVC, React.js, Angular, Scala

Databases & ORM: PostgreSQL, MySQL, MongoDB, Hibernate, Spring Data JPA, PL/SQL

API & Messaging: RESTful APIs, GraphQL, WebSockets, OAuth2, JWT, Apache Kafka

Cloud & DevOps: AWS (Elastic Beanstalk, RDS, S3, CloudWatch, CodePipeline), Docker, Kubernetes, Linux, Terraform, Jenkins, GitHub Actions, NGINX

Testing & Quality Assurance: JUnit, Mockito, Jest, Cypress, Selenium WebDriver, SonarQube, Automated Regression Testing

Architecture & Performance: Microservices Architecture, Redis Caching, JVM Tuning, Load Balancing, Service Discovery (Eureka)

Tools & Methodologies: Git, GitHub, CI/CD Pipelines, Agile (Scrum/Kanban), JIRA, Confluence, Code Reviews

PROFESSIONAL EXPERIENCE

Full Stack Developer, Capital One

Jan 2024 - Present | Remote, USA

- Designed and developed **scalable Java microservices** using **Spring Boot, Hibernate, and PostgreSQL**, deployed on **AWS EC2 and RDS**, handling **10K+ monthly transactions**.
- Built a **Blockchain-based Insurance Policy System** with **Hyperledger Fabric & Smart Contracts**, reducing claims processing time by **40%** and ensuring **regulatory compliance**.
- Implemented **AWS Lambda serverless workflows** for automated claims validation and notifications, reducing infrastructure costs by **25%**.
- Integrated **REST APIs** with frontend (React.js, Redux), improving data accessibility and boosting **user engagement by 30%**.
- Automated CI/CD pipelines with **Jenkins, GitHub Actions**, enabling **zero-downtime deployments** and reducing release cycles by **35%**.
- Containerized applications with **Docker** and deployed on **Kubernetes (AWS EKS)** for high availability, scalability, and faster disaster recovery.
- Conducted **unit testing with JUnit/Mockito** and integrated automated regression testing, improving defect detection by **40%**.
- Collaborated with cross-functional Agile teams, actively participating in sprint planning, backlog grooming, and code reviews, improving team delivery efficiency by **25%**.

Software Engineer, MAQ Software

Dec 2021 – Jul 2022 Hyderabad, India

- Engineered backend systems with **Java** and **PL/SQL**, optimizing stored **procedures, triggers, and queries**, boosting transaction performance by **35%**.
- Built a data ingestion pipeline on AWS (EC2, Lambda, S3) to automate financial data processing, reducing batch load times by **40%**.
- Migrated legacy batch processes into event-driven architecture using **Java + AWS Lambda**, improving system reliability and scalability.
- Containerized services with **Docker** and orchestrated deployments with **Kubernetes**, cutting environment drift issues by **35%**.
- Implemented logging and monitoring with **Prometheus & Grafana**, reducing system downtime and improving incident response time.
- Designed and exposed **RESTful APIs** for internal financial modules, improving reusability and integration across multiple client systems.
- Partnered with QA teams to implement automated regression testing frameworks, reducing manual testing by **50%** and accelerating defect resolution.
- Actively contributed to **Agile** ceremonies (daily stand-ups, sprint reviews, retrospectives), resolving 25–30 user stories per sprint with consistent on-time delivery.

Full Stack Developer, Accenture

Nov 2020 – Nov 2021, Hyderabad, India

- Developed **Java-based REST APIs** for authentication, authorization, and expense management modules, integrated with **Spring Security** for enhanced data protection.
- Maintained and enhanced **backend services** in **Node.js/Express.js** while collaborating with frontend teams to deliver dynamic UIs using **React.js**.
- Automated deployments using **Jenkins CI/CD pipelines** integrated with **AWS CodeDeploy & S3**, reducing deployment failures and improving release efficiency.
- Designed and deployed **containerized microservices** with **Docker and Kubernetes (AWS EKS)**, reducing infrastructure overhead by **30%**.
- Conducted **code reviews** to enforce Java best practices, improving overall code quality and reducing post-production bugs.
- Applied **Agile methodologies** for sprint planning and requirement gathering, ensuring delivery of high-priority business features within deadlines.

EDUCATION

Master of Science in Computer Science

University of Central Missouri

Lee's Summit, MO | Aug 2022 – May 2024

Bachelor of Technology in Computer Science Engineering

CMR Group of Institutions

Telangana, India | Jul 2017 – Jul 2021

CERTIFICATIONS

[AWS Certified Solutions Architect – Associate](#)

[SnowPro Core Certification](#)