

AKSHITHA

Huntsville, AL | +19452464248 | akshithay16@gmail.com

PROFESSIONAL SUMMARY

Full Stack Software Engineer with around 5 years of experience building scalable web applications, backend services, and RESTful integrations across healthcare, banking, and ecommerce. Skilled in Java/Spring Boot, JavaScript, React, Angular, Node.js, SQL, AWS, Docker, and automated testing, with a track record of delivering secure, production-ready solutions and improving application performance. Experienced collaborating in Agile teams to translate business requirements into maintainable technical solutions.

EDUCATION

Lindsey Wilson College

Master's, CS and IT in Management

Oct 2022 - Apr 2024

TECHNICAL SKILLS

- **Programming Languages & Web:** Java, Python, C++, JavaScript, TypeScript, SQL
- **Frontend:** React.js, Angular, HTML5, CSS3, JavaScript (ES6+), TypeScript, Axios, Responsive UI Design
- **Backend:** Spring Boot, Spring MVC, Hibernate, JPA, Node.js, Express.js, RESTful APIs, Microservices, OAuth2, JWT, PHP/Laravel
- **Databases:** PostgreSQL, MySQL, Oracle, MongoDB, DynamoDB
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, Redshift), Azure, Docker, Kubernetes, Jenkins, Terraform
- **Testing:** JUnit, Mockito, Jest, Postman, Integration Testing, API Testing, Test-Driven Development
- **Tools & Methodologies:** Git, GitHub, Bitbucket, Jira, Agile (Scrum), CI/CD, SDLC, Design Patterns

PROFESSIONAL EXPERIENCE

GE HealthCare

Software Engineer

Chicago, IL · Mar 2024 - Present

- Design and develop end-to-end healthcare applications with React, Spring Boot, and REST APIs, translating clinical requirements into secure, scalable workflows and real-time patient data experiences.
- Build responsive React components and integrate them with backend microservices through Axios and JWT-secured APIs, improving data accuracy and usability for hospital staff.
- Implement front-end performance improvements, including lazy loading, API caching, and state management, reducing page load times by 35%.
- Deploy full-stack applications to AWS using EC2, S3, and Docker, while managing Jenkins CI/CD pipelines for coordinated, production-ready front-end and backend releases.

DBS Bank (Investment and Trading Technology)

Java Full Stack Developer

Los Angeles · Jan 2023 - Jan 2024

- Developed secure banking platforms with Angular, Spring Boot, and RESTful APIs, translating KYC requirements into maintainable customer-verification workflows that reduced onboarding errors by 30% and accelerated account activation by 40%.
- Automated Jenkins CI/CD workflows for User Acceptance Testing and production environments, reducing deployment time from 2 hours to 20 minutes and rollback incidents by 25%.
- Applied unit, integration, and test-driven development practices to validate backend services and trading-platform integrations, reducing production defects by 40%.
- Automated KYC data collection, document validation, and multi-stage compliance workflows with Python and DynamoDB, reducing enterprise onboarding time by over 70%; monitored production environments during on-call support, identified root causes, and restored services within minutes.
- Integrated Angular interfaces with backend services through REST APIs, implementing form validation, error handling, and secure data exchange for more than 50,000 users.
- Built and deployed Jenkins pipelines for Angular applications and production releases, reducing deployment time and minimizing delivery errors across front-end and backend services.

Zingaro AI Pvt. Ltd.

Full Stack Developer

Hyderabad · Sep 2021 - Jul 2022

- Developed and tested a full-stack ecommerce platform with React, Node.js, Express, MongoDB, and REST APIs, supporting more than 5,000 daily active users.
- Built responsive product browsing, cart, and checkout features in React, integrating front-end workflows with backend APIs for real-time order processing.
- Deployed front-end and backend services to AWS EC2 with Docker, supporting scalable, highly available ecommerce operations and consistent development environments.

Web Developer Intern

Hyderabad · Jan 2021 - Aug 2021

- Built reusable React UI components and integrated REST APIs with Axios, improving development speed by 30% while strengthening cross-browser compatibility and responsive design.
- Performed API testing and debugging with Postman to validate functionality, security, and performance, achieving 100% functional coverage for integrated features and minimizing critical production defects.

CERTIFICATIONS

- Generative AI: Internshala – 2025