Keerthi Reddy Mangilipudi

Full Stack Developer | Java | React | Cloud | AI

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keerthi32109.github.io/portfolio

PROFESSIONAL SUMMARY

Full Stack Software Engineer with 5+ years of experience in designing and building scalable, high-performance web applications using Java, Spring Boot, and React. Strong background in backend systems, RESTful APIs, microservices, and cloud-native architectures. Proven ability to deliver production-grade software across enterprise and US-based environments. Experienced in collaborating with cross-functional teams to build reliable, maintainable systems at scale.

EDUCATION

Master of Science in Computer Science, University of Central Missouri, USA
Bachelor of Technology in Computer Science and Engineering, PBR VITS Engineering College, India

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL
- **Frontend:** React.js, Angular, Bootstrap, Responsive Design
- **Backend:** Spring Boot, Node.js, Express.js, Microservices, REST APIs
- **Messaging:** Kafka, RabbitMQ
- **Cloud/DevOps:** AWS (EC2, S3, RDS, Lambda), Jenkins, GitHub Actions, Docker, Kubernetes, CI/CD Pipelines
- **Databases:** MySQL, MongoDB, Oracle, PostgreSQL
- **AI/Automation:** Kore.AI, UiPath, Unqork, Chatbot Development
- **Tools & Concepts:** Git, JIRA, Postman, IntelliJ, VS Code, OOP, SDLC, Agile/Scrum

PROFESSIONAL EXPERIENCE

Staples   **MO,USA**
Full Stack Developer   Jan 2025 – Present
- Owned end-to-end development of internal enterprise applications using React and Spring Boot, supporting business-critical retail workflows.
- Led API enhancements and backend optimizations, improving response time by 25% and increasing platform stability.
- Partnered with product, QA, and DevOps teams to deliver features through Agile sprints, contributing to CI/CD improvements and consistent cloud deployments.

Persistent Systems   **Pune, India**
Software Engineer   Feb 2022 – Nov 2023
- Built and scaled onboarding platforms for Chubb Insurance using Java, Spring Boot, React, and RESTful APIs.
- Designed event-driven microservices using Kafka and RabbitMQ, supporting 500+ API requests per minute.
- Automated customer support workflows using Unqork and AI-powered chatbots (Kore.AI), reducing manual interactions by 40%.
- Deployed and maintained applications on AWS with Docker, Kubernetes, and CI/CD pipelines, achieving 99.9% uptime.

Blankbot Technologies   **Bengaluru, India**
Software Developer   Oct 2019 – Jan 2022
- Delivered full-stack features across backend APIs and React UI, translating business requirements into production ready modules using Java and Spring Boot.
- Optimized backend queries across MySQL, Oracle, and PostgreSQL, reducing response times by 30%.
- Built reusable React components and modular APIs, improving maintainability.

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals
- Kore.AI Developers Advanced
- Unqork Associate Configurator
- UiPath RPA Developer