Akshitha Chimbili
+1 (682)-272-1432 | akshithachimbili8@gmail.com | linkedin.com/in/AkshithaChimbili | github.com/akshitha66

Professional Summary

Software Engineer with 5.5 years of experience building scalable web applications using React.js, Node.js, and Spring Boot. Proficient in RESTful API design, UI/UX optimization, and secure, real-time data integration. Skilled in Agile methodologies, DevOps practices, and collaborative product development.

EDUCATION

Master of Science in Information Systems (GPA: 3.7/4.0)
George Mason University, Fairfax, VA | **Aug 2023 – May 2025**

TECHNICAL SKILLS

- **Frontend & UI:** React.js, Next.js, Redux, JavaScript (ES6+), TypeScript, Tailwind CSS, Bootstrap
- **Backend & Languages:** Node.js, Express.js, Java, Spring Boot, JSP, Servlets, Hibernate, JDBC, PL/SQL
- **Databases & APIs:** PostgreSQL, MongoDB, Redis, RESTful APIs, Stripe API, JWT
- **Cloud & DevOps:** AWS (EC2, S3), GitHub Actions, CI/CD Pipelines, Git, Postman, Chrome DevTools
- **Methodologies:** Agile-Scrum, JIRA, Confluence

EXPERIENCE

Software Engineer | Capgemini, India
ABN AMRO Bank – Digital Banking Platform   **Sep 2017 – Oct 2021**

- Developed 50+ responsive forms for KYC, fund transfers, and loan onboarding using React.js and Redux.
- Built real-time, JWT-secured RESTful APIs using Node.js and Express.js.
- Optimized MongoDB/PostgreSQL queries to improve form load speed by 35%.
- Automated deployment pipelines using GitHub Actions and hosted services on AWS EC2.
- Collaborated with cross-functional Agile teams to deliver features within 2-week sprint cycles.

Swiss-RE Insurance – Claims Processing & Policy Management   **Jan 2016 – Aug 2017**

- Developed backend services using Java, Spring Boot, and Hibernate to automate policy and claims workflows.
- Built dynamic browser-based forms using JavaScript and XSLT, integrated with secure REST APIs.
- Customized Assentis templates for region-specific document generation and business logic.
- Integrated with Oracle DB to ensure reliable, multi-regional data consistency and reduce form error rates by 30%.

PROJECTS

Web Developer & Retail Systems Coordinator
Express Mart, George Mason University – Fairfax, VA   **Jan 2024 – May 2025**

- Developed a React.js dashboard with MySQL backend to automate pricing and inventory, cutting wait times by 25%.
- Supervised 15+ associates and optimized shelf layouts, boosting product visibility by 25% and sales by 10%.

Online Vehicle Rental Platform

- Built a full-stack platform for car and bike rentals with JWT-based authentication and Stripe payments.
- Designed mobile-first UI using React and Tailwind CSS; developed APIs and optimized PostgreSQL queries for scalability.

Customer Loyalty Program System

- Created a loyalty system using Java (JSP, Servlets), Oracle DB, and REST APIs for reward redemption across 10K+ records.
- Built customer-facing Android app (Kotlin) and optimized backend queries for real-time insights.

Relevant Course Work

Database Systems & Query Optimization, Computer Systems and Systems Programming, Cloud Computing Security & DevOps, Big Data Analytics & Information Processing, Microservices Architecture & API Development, Data Structures & Algorithms.