

Akshitha Chimbili

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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

- Built a React.js dashboard with MySQL to automate pricing and inventory, reducing 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

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|---------------------------|------------------------------|------------------------|
| • Systems Programming | • Web Technologies | • Data Structures |
| • Database Systems | • Cloud Security & DevOps | • Software Engineering |
| • Microservices & API Dev | • Project Management & Agile | |

Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Professional Scrum Master™ I (PSM I)