

Aman Patel

4168282451 | pateljaman@outlook.com | LinkedIn | Portfolio | GitHub | Toronto, ON, L1N 6J5

SUMMARY

- Software Developer / Fullstack Engineer with 3 years of experience in supporting complex, large-scale enterprise-grade platforms.
- Good functional and business knowledge in **telecommunications** domain with my tenure at Amdocs as a Software Developer.
- Gained strong knowledge of the **Fintech Credit Scoring** domain while working with Equifax as a Quality Automation Engineer.
- Strong academic background with a **bachelor's degree in computer science** from **York University**.
- Proficient in **RESTful APIs and event driven Micro Front-end / Microservice architecture**.
- Experienced in building and maintaining enterprise applications, and scalable containerized systems in public cloud environments like **AWS** and **OpenShift**.
- Adept at collaborating in agile teams, maintaining high coding standards, and contributing to the overall system architecture.

FUNCTIONAL SKILLS

Domain Knowledge: Telecommunications, Finance (Credit Scoring and Interest in Banking services)

Programming Language: JavaScript, TypeScript, Python, SQL, Kotlin, Java, HTML, CSS

Frameworks: React, Node.js, jQuery, RESTful APIs, JSON, Spring Boot, Spring Security

Cloud Services: Amazon Web Services (AWS), Red Hat OpenShift, Docker, Kubernetes

Tools & Technologies: Git, GitHub, Bitbucket, Jenkins, Apache Kafka, Kibana, Splunk, Jira, Confluence

Database: RDBMS (MySQL, Oracle), NoSQL (Couchbase, Elasticsearch), Caching (Redis), DBMS

Software Development: Agile, SDLC, Distributed Systems, Troubleshoot, Network, RPC, System Design, Code Reviews, Unit Testing

Soft Skills: Interpersonal, Cross-team Communication, Presentation, Collaborative, Transparent, Customer-centric

EXPERIENCE

Software Developer

Amdocs

Jan 2022 – Apr 2024

Toronto, ON

Developed and maintained **full stack services** in AWS and OpenShift platform. I translated end-user requirements into technical specifications, meticulously considering edge cases, and ensured seamless communication with internal partners. I took full ownership of the applications I developed, providing ongoing support and swiftly addressing user reported issues.

- Developed and maintained resilient **React Micro Front-end and Node / Spring boot Microservices** applications including analysis, design, development, and implementation.
- Built **low latency, highly resilient and scalable** cross-browser compatible front-end services.
- Collaborated with technology **partners** to ensure configurations and **custom components** met application requirements and **performance goals**.
- Documented system components and architecture designs, ensuring compliance with security, integration, and operability standards, and utilized **Jira and Confluence** for project management and documentation.
- Maintained high-quality code, providing maintenance and support during testing cycles and post-production using unit testing techniques, and participated in peer code reviews to uphold coding standards.
- Assisted in the development and maintenance of processes that prevented issues, ensuring **timely resolution of incidents** and adherence to best practices.

Accomplishments:

- Streamlined support operations by executing small enhancements and source **code fixes** in **services**, resulting in a 30% reduction in downtime.
- Provided **technical expertise during incident management** in AWS, and OpenShift environments, reducing incident resolution time by 20% through effective analysis and communication.

Quality Automation Engineer

Jul 2021 – Jan 2022

Equifax

Toronto, ON

Performed hands-on testing activities: analysis, design, execution, maintenance, test creation, and process support within a given functional area to support the delivery of quality solutions by automating tests and creating/enhancing automation frameworks.

- Developed and executed test cases based on analysis of business requirements, design specifications, and architecture blueprints.
- Analyzed, developed, debugged, and maintained both manual and automated test suites, including traceability matrices, and assisted in defect resolution.
- Implemented functional and non-functional automation approaches, including performance, reliability testing, and security testing, integrating them into **CI/CD/CT pipelines**.
- Utilized tools for **test automation** and management, including **Jenkins and Bitbucket** to support automation activities.
- Documented and supported the proactive identification of end-to-end test solution designs in Jira and Confluence, including updating knowledge bases and identifying early automation opportunities.

Accomplishments:

- Contributed to test planning and hands-on test design, development, and maintenance using test automation frameworks and tools like Selenium and JUnit, leading to a 20% reduction in test cycle time and a 15% increase in defect detection rate.
- Integrated into the continuous delivery process using CI/CD pipelines and DevOps practices, enhancing software delivery speed by 25% while maintaining high-quality standards.

Software Developer Intern

Jan 2021 – Jun 2021

The Graduate Network

Toronto, ON

Worked on both the front end and back-end services. Wrote maintainable, testable, and high-performance code according to industry standards and collaborated with senior developers in code reviews and testing.

- Assisted in developing web applications by writing **clean, maintainable, and testable code**.
- Collaborated with senior developers in **code reviews** and testing, contributing to the overall quality and performance of the software.
- Provided feedback, reporting, and analytics on overall quality, performance, user experience, and future bug prevention.
- Translated user needs into technical specifications, conceptualizing and facilitating technical requirements from users.

Accomplishments:

- Troubleshooted and resolved production and non-production issues by **reviewing/debugging** code using IntelliJ and Kibana, ensuring timely fixes and workarounds to meet deadlines.
- Contributed to a collaborative coding platform project, working closely with team members to implement core features and improve software workflows.

EDUCATION

York University

B.S. in Computer Science

Jan 2019 – Jun 2021

Toronto, ON

CERTIFICATIONS

- AWS Certified Cloud Practitioner
- Docker for Developers
- Kubernetes: Package Management with Helm
- Learn Apache Kafka for Beginners
- Become a Spring Boot Developer