# Aman Patel

647-781-1054 | pateljaman@outlook.com | linkedin.com/in/amanjpatel | github.com/aman9824 | 943 Burns St W, Whitby, ON, Canada

## Summary

- Software Developer with 3 years of experience in supporting complex, large-scale customer-facing 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 Java and Spring Boot Microservice architecture.

- Experienced in building and maintaining enterprise applications, REST APIs, 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.

- Committed to delivering high-quality, secure, and performant software solutions.

## Functional Skills

**Business Knowledge**: Telecommunications, Finance (Credit Scoring)

**Programming Language**: Java, JavaScript, SQL, Python

**Frameworks**: Spring Boot, Spring, ElasticSearch, REST API Development, Microservices Architecture

**Cloud Services**: AWS, OpenShift, Docker, Kubernetes

**Tools & Technologies**: Git, GitHub, Bitbucket, Jenkins, AppDynamics, Splunk, Jira, Confluence

**Database**: RDBMS (PostgreSQL, MySQL), NoSQL (MongoDB, Couchbase)

**Software Development**: Agile (Scrum), Code Reviews, Unit Testing, SDLC, Static Code Analysis

**Problem Solving**: Strong analytical skills for troubleshooting production issues and optimizing application performance

## Experience

**Software Developer** — Jan 2022 – Apr 2024
*Amdocs* — *Toronto, ON*

As a Software developer at Amodcs, my responsibility was to develop components of solutions with a focus on analytics, support, testing, and proof of concepts aligned with business and technology objectives. I have provided a broad range of system solutions development to business problems through the development and programming of applications/systems. I have also provided research, installation, maintenance, configuration, administration, and provisioning of systems/applications.

**Accomplishments**:

- **Developed and and implemented** new engineering solutions using **Java and Spring Boot**, contributing to the Amdocs telecommunication system.

- Streamlined support operations by executing small enhancements and source **code fixes** in Spring Boot Microservices, 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.

- 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.

- Participated in quality management reviews, ensuring that designs and prototypes fulfilled the requirements, and conducted **code reviews** and static **code analysis** to maintain high-quality standards.

• 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

### Quality Automation Engineer                                                      Jul 2021 – Jan 2022
*Equifax*                                                                                   *Toronto, ON*

As a Quality Automation Engineer at Equifax, my responsibility was to perform 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.

**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.

• Developed and executed test cases based on analysis of business requirements, design specifications, and architecture blueprints

• Contributed to defining test data and environment requirements, leveraging virtualization to support incomplete or unavailable code, services, or databases.

• Analyzed, developed, debugged, and maintained both manual and automated test suites, including traceability matrices, and assisted in defect resolution.

• Utilized tools for **test automation** and management, including **Jenkins and Bitbucket** to support automation activities.

• Implemented functional and non-functional automation approaches, including performance, reliability testing, and security testing, integrating them into **CI/CD/CT pipelines**.

• 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.

• Collaborated with the development team to define and validate user stories, acceptance criteria, and Definition of Done (DoD) / Ready (DoR), applying principles of **BDD/TDD**.

• Participated in Proof of Concepts (POCs) to evaluate new technologies for testing, such as **BDD,** and **Test Data Management**.

### Software Developer                                                                Jan 2021 – Jun 2021
*The Graduate Network*                                                                       *Toronto, ON*

As a Software developer Intern at The Graduate Network my responsibility was to work on both the front end and back end of web applications. Wrote maintainable, testable, and high-performance code according to industry standards and collaborated with senior developers in code reviews and testing.

**Accomplishments**:

• 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.

• 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.

• 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.

## EDUCATION

### York University                                                                  Jan 2019 – Jun 2021
*B.S. in Computer Science*                                                                   *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