

Aman Patel

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Location: Toronto, Canada

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GitHub: <https://github.com/aman9824>

Portfolio: <https://amanpatel.vercel.app>

SKILLS

Languages and Framework	(proficient): Java, Spring Boot, Mockito, TestNG, Junit, Maven, JavaScript, ReactJS, Elasticsearch (Elastic search) (familiar): Python, SQL Programming, AngularJS, NodeJS, HTML, CSS, SCSS, ES6+
Tools	Conduktor, Kibana, IntelliJ Idea, Rookout
DevOps	OpenShift, Helm, Docker, Kubernetes, Microservices, Apache Kafka, Jenkins
Databases	MySQL, Oracle, PostgreSQL, Couchbase, MongoDB
Cloud	(proficient): AWS, (familiar): GCP
Version Control	Git, GitHub, Bitbucket
Troubleshooting	Prometheus, Kibana, AppDynamics, Splunk
Other Skills	Object-Oriented design, Algorithm design, Web or Mobile Application Development, Unit Testing, Test-Driven Development, Unix/Linux environments, Data Structures, Multi-Tiered Systems, Software Development Life Cycle (SDLC), Agile, Waterfall, Data Driven, NPM registry, RESTful APIs, Kibana, Problem Solving, Complexity Analysis, Written and Verbal Communications, Teamwork, Cross-functional Teams, Management, Leadership, Versatile, Enthusiastic, Analytical, ST & UAT Testing cycle

WORK EXPERIENCE

Software Developer | Amdocs

Jan 2022 – Present | Toronto, Canada (Hybrid)

- Developed, implemented, and maintained **highly scalable systems in agile environment** with **Java, Spring Boot, JavaScript and ReactJS** according to functional, non-functional, and technical design specification **achieving an average request response time of 500 milliseconds**.
- Writing clean, maintainable, and testable code with **clean code practices** with almost 100% aim on automated test coverages using **Mockito and TestNG** for features.
- Ensured adherence to **security, logging, error handling, and performance standards** and non-functional requirements in code/configurations, **resulting in a 20% reduction in system errors**.
- Troubleshooted and resolved production and non-production issues by reviewing/debugging code and provided fixes and workarounds in timely manner to **ensure deadlines were met**.
- Tested and deployed microservices in OpenShift and Amazon EKS/EC2 environments using **Docker, Helm, and Kubernetes technologies**.
- Performed **performance tuning of application** on PET environment using **AppDynamics and JMeter**.

Junior Quality Automation Engineer | Equifax (CompuStaff Corp)

July 2021 – Jan 2022 | Toronto, Canada (Remote)

- Maintained thorough and accurate documentation of all work in **Confluence and Jira** including status updates to summarize projects highlights validating those processes operate properly and **conform to standards**.
- Conducted testing of applications based on **pre-written scripts created with Bash and Postman**, achieving a **95% pass rate for automated tests**.
- Identified and created test automation suite** and design necessary documentation for automated processes, resulting in a **40% reduction in manual testing efforts**.

Software Developer Intern | The Graduate Network

Jan 2021 – June 2021 | Toronto, Canada (Remote)

- Conducted preventative and corrective maintenance, troubleshooting, and fault rectification of system and core software components.
 - Built **distributed storage, index, and query systems** that are scalable, fault-tolerant, low cost, and easy to manage/use.
 - Gained hands-on experience in **professional software engineering practices** and best practices for the full **software development life cycle**, including **coding standards, code reviews**, source control management, testing, and operations.
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PROJECTS

MusicXML Converter | [GitHub](#)

Fall 2020 | Toronto, CA

- Developed MusicXML Converter using **Java and JavaFX**, suitable for industrial use.
- Collaborated via **GitHub** with other students.

Book Store | [Website](#), [GitHub](#)

Fall 2020 | Toronto, CA

- Developed **Spring Boot and React.js** E-commerce website, integrating **IBM DB2 for cloud data storage**.
 - Managed substantial book data without compromising **web performance**.
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EDUCATION

Bachelor's Computer Science | York University

January 2019 - June 2021

Relevant Courses:

Software Design (Design Patterns, object-oriented design), Data Structures and Algorithms, E-Commerce Development, OOP, Software Testing, User Interface, Database Management, Software Development Project

COMMUNITY INVOLVEMENT

Volunteer

Microsoft Learn Student Ambassador, Toronto

- Selected as a Microsoft Learn Student Ambassador for 2021 from thousands of potential candidates around the world. I am one of 40 ambassadors from Canada.
 - Demonstrated leadership by making improvements to work processes and helping to train others.
 - Experience in communicating with users and other technical teams. Managed to collect requirements, describe software product features and technical designs of Azure to other students at university.
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CERTIFICATION

AWS Certified Cloud Practitioner | Amazon Web Services (AWS)

April 2024 - April 2027