

# Shaun Gonsalves

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🐙 [github.com/shaungonsalves](https://github.com/shaungonsalves)  
🌐 [linkedin.com/in/shaungonsalves](https://www.linkedin.com/in/shaungonsalves)  
💻 [shaungonsalves.github.io](https://shaungonsalves.github.io)  
📍 Toronto ON (Open to relocate)

Seeking a Full-Time role as an experienced Software Developer. A hardcore team-player and proven professional with expertise in distributed systems, cutting edge cloud.

## PROFESSIONAL EXPERIENCE

**Intuit Inc.** Oct 2024 – Present

### Software Engineer 2

Tech: Java 21, Kotlin, Springboot, Typescript, React

- Co-developed a Textract-based widget in TurboTax to ingest, parse, transform, and persist external documents via an event-driven pipeline allowing users to prefill all tax content; improved prefill rate from 91% to 97% for top 5 forms.
- Co-developed saved credentials pre import and payroll partner API integration to auto-retrieve tax forms and enable a done-for-you experience; adopted by 17% of eligible users and 9% of returning users.
- Solely built a Terraform-style framework in <1 week to automate Splunk alert provisioning using Flask, Pydantic, and pytest; enabled build/change/version workflows, faster rollouts, and an improved approval process for alert changes.

**Amazon Inc.** Jun 2022 – Oct 2024

### Software Dev Engineer

Tech: Java 21, Springboot, JUnit5, Typescript, AWS CDK

- Service owner for a tier-1 application, enabling 40% faster onboarding, cutting user interventions, impacting \$14 million in revenue for Amazon.
- Contributed to improving a deployment process using data pipelines, saving 4 SDE hours and 6 Analyst hours per deployment. Developed infrastructure using CDK to ensure connectivity with legacy systems.
- Executed a feature from design to implementation to support promoting Amazon devices to 20 million users.
- Implemented a proposal for making a tier-1 service resilient to outages that previously caused \$200 million impact.
- Self-learner: Acclimatized myself with the service, tooling, and made design and code contributions within 30 days.

**Mutual of Omaha** Jan 2021 – Dec 2021

### Cloud Engineer Co-op

Tech: Python3, Pytest, Typescript, Jenkins, AWS CDK

- Developed internal AWS CDK Constructs, enabling hardened & organization specific configurations for internal customers - making cloud infrastructure secure, consistent by default.
- Automated organization wide monitoring using AWS Config along with testing infrastructure.

- Formalized the new associate onboarding process, enabling colleagues to be productive in 90 days.
- Mentored an intern as a peer. Improved their understanding of the significance of their contributions by highlighting their achievements to the broader team.
- Partnered with product team as an SME for platform requirements, improving adoption of cloud resources and saving on dev time and infrastructure costs.
- Recognized as “Stellar” for performance and outcomes.

**Tata Consultancy Services**

Jan 2017 – Aug 2019

### Software Engineer

Tech: Java 8, Springboot, JUnit, IIB, Apigee, AWS, Azure

- Demonstrated a microservices based presales use-case for an enterprise using two IPaaS tools.
- Developed a cloud native web application to view data at-glance sourced from Hadoop for a logistics company.
- Developed a microservices system for securely exposing enterprise functionality for a digital banking app using RESTful APIs, impacting 20 million customers.
- Consistently achieved highest performance rating of 5/5.

## ACADEMICS

**Rochester Institute of Technology**

Aug 2019 – May 2022

Rochester NY, United States

Master of Science (MS) in **Computer Science**

Advanced Graduate Certificate in **Big Data Analytics**

Software Engineering, Computer Networks, System Design

**University of Mumbai**

Jul 2012 – May 2016

Mumbai, India

Bachelor of Electrical Engineering (BS),

Operating Systems, Computer Networks, Microprocessor

## TECHNICAL SKILLS

Core Skills: Java, JUnit, Python, Pytest, Typescript

DB: SQL, Postgres, MongoDB, DynamoDB

Other: Git, Agile, Microservices, Spring JPA, AI ML

AWS: EC2, S3, IAM, RDS, DynamoDB, EMR, VPC, Glue, Lambda, Redshift, API Gateway, SWF, StepFunction, CDK

Tools: Docker, Kubernetes, JIRA, Mulesoft, IICS