

Pesanth Janaseth Rangaswamy Anitha

Halifax, NS | contact@pesanth.com | [portfolio](#)

Software engineer with 2+ years building full-stack applications on Azure. Skilled in Java, Spring Boot, and Angular. Adept at automating deployment and adding observability to production services.

Experience

Software Engineer - Exadel

May 2025 - May 2026

- Built and maintained financial applications in Angular, Spring Boot, and MySQL across four modules
- Delivered 24+ dashboard components that surfaced live transaction data over REST services

Associate Software Engineer - Exadel

April 2024 - May 2025

- Built 39+ CI/CD pipelines on Microsoft Azure with Ansible and Docker, raising deployment efficiency 40%
- Added Datadog observability with Mockito and Cypress test coverage across four modules

Projects

Incident Triage Assistant - Python, BM25 Retrieval, Claude API

2026

- Retrieval-augmented tool turning an alert or stack trace into a grounded root-cause diagnosis
- Returned the correct root cause in its top 3 results on all 10 test cases

Sentinel - Python, Kafka, Docker

2026 - present

- Streaming telemetry platform collecting system, container, and site metrics on Windows and Linux
- Buffered readings to disk when the broker went down and replayed them in order once it came back

arXiv Daily Digest - Python, Docker, nginx

2026 - present

- Unattended daily pipeline that selects arXiv AI papers and publishes verified technical notes
- Held each digest back until every quoted source checked out against the original paper

Cube Store - Angular, Express.js, MongoDB, Docker

2024 - present

- Live storefront serving a 66-product catalogue over a REST API for retrieval, cart, and checkout
- Gated the GitHub Actions build on Trivy, Checkov, and Gitleaks, failing on any HIGH or CRITICAL finding

Car Sale Application - React, Spring Boot, MySQL

2023 - present

- Peer-to-peer marketplace covering listing, purchase, and inventory workflows, with a live demo
- Wrapped debit, payout, transfer, and delisting into a single transaction that rolls back on any failure

Education

Saint Mary's University

September 2023 - May 2025

Bachelor of Science, Computer Science, Magna Cum Laude

GPA: 3.96/4.3

Certifications

SFHA: Data Analytics, Digital Nova Scotia

August 2026

TCF Canada, B2 (French)

February 2026

AZ-900: Microsoft Azure Fundamentals

June 2024

Technical Skills

Languages: Java, JavaScript, TypeScript, Python, SQL, Bash

Frameworks & Databases: Spring Boot, Angular, React, REST APIs, MySQL

Cloud & Infrastructure: Microsoft Azure, AWS, Kubernetes, Docker, Linux, Terraform

CI/CD & Tools: CI/CD, Azure DevOps, GitHub Actions, Git