

Paras Nath Seth

[LinkedIn](#) | [GitHub](#) | [Portfolio Website](#)

EDUCATION

Dalhousie University

Halifax, NS

Bachelor of Computer Science with Co-op

January 2022 – August 2026

- **GPA:** 3.84/4.30 (89%)
- **Relevant Coursework:** Cloud Architecting, Networking, Cybersecurity, Data Structures, Algorithms
- **Additional Certificate** in Cybersecurity and Communication Technologies

WORK EXPERIENCE

Software Developer Intern

May 2024 – August 2024

Ollon

Toronto, ON (Remote)

- Developed full-stack features for a secure legal communication platform using **React**, **Node.js**, and **MySQL**, streamlining digital interactions and data exchange between attorneys and clients.
- Bolstered application stability across **3 distinct projects** by executing rigorous manual QA testing, isolating complex edge cases, and logging **100+ actionable bug tickets** with precise reproduction steps.
- Authored **70+ comprehensive manual test** cases based on QA best practices, ensuring robust feature coverage

R&D Software Developer Intern

May 2023 – December 2023

Protocase Inc.

Sydney, NS

- Engineered a keyboard shortcut system overhaul for 3D modeling software **serving 160,000+ users**, utilizing **Java** to resolve bugs, enhance UX, and **eliminate 45+ redundant keybinds**.
- Developed a hover-style PDF magnifier tool using **Java** and **JavaFX**, accelerating blueprint inspection and increasing operational efficiency for **50+ factory floor workers**.
- Automated manual MS Word document generation using **Java** and the **Apache POI library**, saving engineering teams over **530 minutes per month** in administrative overhead.
- Prototyped an interoperability bridge between **legacy Java** and **C# applications**, enabling the reuse of core business logic while minimizing refactoring efforts and production downtime.
- Spearheaded the evaluation of third-party commercial software for codebase interoperability by conducting implementation experiments and engaging in discussions with vendors via e-mail.
- Integrated smooth UI animations into the core 3D modeling software using **JavaFX**, improving overall user experience.
- Recognized as **‘Performer of the Month’** (June 2023) for assisting HR with process optimizations.

PROJECTS AND HACKATHONS

🔗 Building Maintenance Ticketing Portal | React.js, Python, Amazon Web Services (AWS), IaC December 2025

- Architected an event-driven serverless ticketing system for landlords and tenants using **React**, **Python**, and **AWS**

🔗 ‘Magic Clicks’ Chrome Extension | JavaScript, CSS, HTML

August 2025

- Developed an extension that adds interactive visual effects on user clicks, using content scripts and CSS animations
- Received the **‘Featured’ badge** on the Chrome Web Store, and is currently used by about **60+ users** weekly

🔗 ‘MosaicLens’ - Smart Image Filter | Python (OpenCV, FastAPI), React.js

September 2025

- Created a Python CLI and Web tool to apply a stained-glass mosaic effect to photo backgrounds using **OpenCV**

TECHNICAL SKILLS

Languages & Databases: Java, C#, Python, TypeScript, HTML/CSS, SQL, Firebase

Frameworks: React, Node.js, Express.js, Bootstrap CSS, JavaFX

Cloud & DevOps: AWS, Docker, GitLab CI/CD

Testing: JUnit, Mockito, Roboelectric, UIAutomator, Espresso, Cypress

AI Tools: GitHub Copilot, Gemini CLI, Google Antigravity, Gemini, ChatGPT, Claude

CERTIFICATIONS

- **AWS Certified Cloud Practitioner**

🔗 [Credential Link](#)