

Tanmay Savaj

tanmaysavaj@gmail.com | [LinkedIn.Com](https://www.linkedin.com/in/tanmaysavaj/) | [Github.Com](https://github.com/tanmaysavaj)

Toronto, ON | (416) 821 - 4897

CAREER SUMMARY

Computer Programming student with hands-on experience troubleshooting Linux and macOS environments and building automation tools using Python. Strong foundation in systems, CI/CD workflows, and DevOps practices, with experience using Git and scripting to improve reliability and operational efficiency. Curious, fast-learning, and motivated to build tools that support scalable and reliable systems, AWS certified cloud practitioner.

EDUCATION

- **Advance Diploma in Computer Programming and Analysis**, Toronto, ON January 2024 – April 2027
- **Relevant Coursework:** Object-Oriented Programming, Data Structures, Software Engineering, Databases, Systems Analysis, Algorithms
- **GPA:** 3.7

SKILLS AND TECHNOLOGIES

- **Languages & Frameworks:** C, Python, JavaScript, C++, Node.js, React, SQL, Bash, HTML/CSS
- **Testing & Debugging:** Unit Testing, Mocks, Fakes, Stubs, Makefiles (theory + CLI), Simulation Logic, Debugging, Test Validation
- **Tools & Platforms:** Git, GitHub, GitHub Actions, CLI Tools, Microsoft Office Suite (Excel, Word, PowerPoint), Vercel
- **Systems & Environments:** Linux, macOS, Windows, System Troubleshooting, logs
- **DevOps & CI/CD:** Git, GitHub, CI/CD Pipelines (GitHub actions, Jenkins, circle CICI.), Docker
- **Automation & AI Tools:** LangChain (learning), Gen AI Tools (exploring), LangGraph (introductory), CI/CD Pipelines, Docker (learning), Azure (basic)
- **Core Concepts:** DevOps practices, System reliability and monitoring, SDLC, Agile, Scrum
- **Methodologies:** Agile, Scrum, SDLC
- **Soft Skills:** Organized, Detail-Oriented, Problem Solving, Strong Communication, Time Management, Team Collaboration

PROFESSIONAL WORK EXPERIENCE

IT Support and Networking Specialist, Jewlr, Toronto, ON August 2025 – February 2026

- Built Python automation tools to monitor systems and send notifications, improving visibility into operational issues and response time.
- Deployed and maintained a Home Assistant server to centralize system monitoring and service status across multiple integrations.
- Investigated and resolved system-level issues across Linux, macOS, and Windows environments, resolving 200+ issues with high accuracy.
- Supported infrastructure components including servers, switches, and access points, and documented configurations and fixes to improve system reliability.

Software Developer, ScaleTech, Hybrid (Contract Part-Time) Sept 2024 - May 2025

- Developed and maintained web applications using JavaScript, Node.js, Express.js, HTML/CSS, and MySQL/MongoDB, delivered business features through REST APIs and improving application performance and reliability.
- Collaborated in Agile/Scrum development cycles to analyze requirements, write clean and testable code, debug issues, and support incident resolution, helping ensure stable and timely delivery of digital web products.
- Worked with Git and CI/CD pipelines to test, deploy, and maintain changes in shared codebases, supporting stable releases.
- Assisted in system testing, documentation, and reporting by creating test cases, validating application behavior, and contributing to technical documentation and dashboards, improving system transparency and long-term maintainability.

Software & Logic Projects

Embedded Systems Simulation – CLI Test Framework

Technologies: C, File I/O, Unit Test Design, Mock Functions.

- Built a small command-line program in C to simulate how basic test systems work in embedded software.
- Wrote simple mock and stub functions to test how different parts of the code behave under various inputs.
- Used file I/O to load test cases and record outputs, making it feel like a real testing workflow.
- Set up a Makefile to handle compiling and running tests easily, which helped me understand how C projects are managed.

Student Course Management CLI Tool

Technologies: Python, CLI, Object-Oriented Programming, File Handling

- Designed a terminal-based application in Python to manage student enrollment, GPA calculation, and performance reporting for academic courses.
- Structured logic using object-oriented techniques and applied file management to persist data without the need for external databases.
- Enhanced usability with GPA calculations, term-wise performance views, and command-based interactions to simulate backend academic logic.
- Improved confidence in low-level scripting and CLI-based interfaces, developing logic structures similar to those used in RTL design thinking.

CERTIFICATIONS AND ACHIEVEMENTS

- AWS Cloud Practitioner (Certified)
- 100 Days of Code – Python Pro Bootcamp (Udemy)
- Docker for Developers – LinkedIn Learning
- Participant – Seneca Hackathon