Tu Yin Hnit Aung

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GitHub · Portfolio · LinkedIn

Summary

Aspiring **Software Engineer** with hands-on experience in full-stack web development, cloud computing, and object-oriented programming. Strong foundation in C++, Python, and modern web frameworks. Seeking a Winter 2026 co-op/internship to contribute technical skills while gaining hands-on experience in software engineering, QA, or data-driven development.

Education

Advanced Diploma in Computer Programming and Analysis   *Expected Graduation: Dec 2026*

Seneca Polytechnic
Toronto, ON

- **CGPA: (3.9/4.0)** Two times on the President's Honor List for outstanding academic achievement
- Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Web Programming Tools and Framework, Advanced Database Services, Software Testing, Software Analysis and Design, Cloud Computing, Project Planning and Management

Technical Skills

- **Web & Frontend:** React, Next.js, HTML, CSS, Tailwind CSS, Responsive Design
- **Backend & Databases:** Node.js, Express, RESTful APIs, Authentication (JWT), MongoDB, DynamoDB, PostgreSQL, Oracle
- **Cloud & DevOps:** AWS, Docker, CI/CD, GitHub Actions, Infrastructure as Code, Container Registries
- **Programming Languages:** JavaScript, TypeScript, Java, C++, C, Python, SQL
- **Tools & Project Management:** Git & GitHub, Linux, Jira, Microsoft Project, Vercel, AWS CLI, Docker Compose

Projects

Artwork Explorer – Full-Stack Web App | *Next.js, Express.js, MongoDB Atlas*

- Implemented JWT authentication for secure registration/login and built features for managing favorites and search history stored in MongoDB Atlas
- Integrated the Metropolitan Museum of Art public API for advanced search, artwork detail, image rendering
- Designed responsive frontend with next.js, React Bootstrap, SWR, and Jotai for dynamic user interface

Assembly Line Simulator – C++ Console App | *C++, OOP*

- Built a C++ assembly line simulator with stations, workstations and a line manager to process orders
- Used STL containers, move semantics, and a file-driven input parsing for efficient order handling

Personal Finance Dashboard – Python Data App (In Progress)

- Developing a python dashboard for expense tracking and visualization, supporting CSV uploads and interactive dashboards
- Expanding functionality to store transactions in PostgreSQL and deploy on AWS with Docker and CI/CD pipelines

Work History

Shopify E-Commerce Developer
Remote | 2025 – Present

- Led the design, development, and technical implementation of a Shopify-based e-commerce store website
- Built responsive layouts and configured payment/product integrations for 50+ listings
- Collaborated with teammates on marketing and operations, reducing set-up time by 30%

Server   *Flame Sushi and Bar,*
Toronto, ON | 2024 – Present

- 50+ customers per shift served in a fast-paced restaurant, maintaining 95%+ order accuracy

- Supported a team of 7 during peak hours, improving efficiency and customer satisfaction

Administrative Assistant   *Canadian International College, Yangon, Myanmar |*
2022 – 2023

- Managed records for 200+ students, ensuring accuracy in documentation and reporting
- Supported staff with technical issues and coordinated schedules, reducing conflicts by 20%
- Became proficient in Microsoft Office and Excel for reporting, data management, and process automation