Dinil Solanga

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Education

University of Guelph - BASc Software Engineering   Sep. 2025 – April. 2030

Relevant Courses: Software Design, Discrete Structures in Comp, Programming

Skills

Programming Languages: Python, SQL, C++, C   **Tools:** Git, Linux

Libraries & Frameworks: Node, React, Docker, Flask, Pandas

Experience

IT Development Intern – Sheikh Khalifa Medical Center, Abu Dhabi UAE   May. 2025 – Jun. 2025

- Worked with Power BI, Oracle Fusion for ticketing to support workflow automation, access control, onboarding, and system configurations.
- Supported company networking and infrastructure by managing workstations and hospital kiosk issues while resolving issues with real users.
- Handled Oracle fusion tickets using Confluence to write documentation.

Software Engineering Intern – Acornic Ventures, Colombo SL   Oct. 2024 – Dec. 2024

- Full-stack web development with SQLite, React, and Flask delivering an employee reimbursement system streamlining workflows replacing an outdated paper-based system.
- Built an admin dashboard system for claim review/management cutting down reimbursement delays by 1 week.
- Automated 10 + manual processes with Python for 3 cross-functional teams saving an average of 1 hour/day.

Projects

Personal Website | *HTML, CSS, Figma* | <u>Github</u>   Jan. 2025

- Built a responsive personal website using HTML and CSS to showcase projects, skills, and experience.
- Designed and prototyped the UI in Figma, translating wireframes into reusable React components.
- Optimized responsive design using breakpoints to support mobile, desktop, and varying screen resolutions.

Pizza-Order Database API | *Flask, Python, SQLAlchemy* | <u>Github</u>   Jan. 2025

- Used SQLAlchemy to create a database to track pizza order information.
- Utilized Flask and Python to develop a REST API to make add, search, modify, and retrieve order functions.
- Implemented test cases in python to check the functionality of the REST API.