

# TEDDY MALHAN

672-339-2503 | [ama367@sfu.ca](mailto:ama367@sfu.ca) | [linkedin.com/in/teddym](https://www.linkedin.com/in/teddym) | [github.com/teddymalhan](https://github.com/teddymalhan)

## EDUCATION

### Simon Fraser University

Bachelor of Science in Computer Science (GPA 4.25/4.33)

Burnaby, BC

May 2027

## EXPERIENCE

### Mobile Developer

CJSF 90.1 · Internship

Jun. 2024 - Present

Burnaby, BC · Hybrid

- Revamped the mobile application for CJSF 90.1, boosting user engagement by 25%.
- Engineered scalable features for iOS and Android using React Native.
- Spearheaded cross-functional collaboration to integrate cutting-edge technologies, streamlining development.
- Implemented advanced security protocols, safeguarding data and user privacy.
- Optimized app performance, reducing load times by 30% and enhancing responsiveness.
- Leveraged JavaScript, TypeScript, RESTful APIs, and Agile methodologies to drive project success.

### Full Stack Engineer

Google Developer Student Club SFU (Hack-The-Sem Winner)

Jan. 2024 - April 2024

Burnaby, BC

- Spearheaded development of GradGains, a social investment platform, boosting student engagement.
- Architected full-stack solutions with React, Next.js, TailwindCSS, Drizzle ORM, and Supabase.
- Mentored by an Amazon engineer to implement scalable, highly-performant code.
- Executed high-pressure deployments, securing 'Best Project' accolade and winning the competition.

### IT Summer Intern

AAPI Charitable Hospital · Internship

May. 2023 - Aug. 2023

Ontario

- Identified and resolved infrastructure bottlenecks using monitoring tools and performance analysis.
- Implemented security measures with IDS and pfSense firewalls.
- Maintained and upgraded network systems, gaining experience with Cisco routers, switches, TCP/IP, and VLANs.
- Troubleshoot issues with the IT team using Wireshark and PowerShell scripting.

## PROJECTS

### PotHolePatrol | Next.js, React, Flask, Tesseract, Docker

May 2024

- Developed PotHolePatrol, a civic platform for public pothole reporting, enhancing governmental accountability.
- Automated data extraction with Tesseract OCR in a Flask backend, boosting data entry efficiency.
- Engineered REST and GraphQL APIs, increasing data retrieval speed by 50% and improving UI responsiveness.
- Designed scalable infrastructure using Docker, streamlining deployment and improving workflow.
- Utilized modern web technologies, including Next.js and React, to enhance platform performance and user experience.

## TECHNICAL SKILLS

**Languages:** Python, C/C++, Rust, SQL, JavaScript, HTML/CSS, x86 Assembly

**Frameworks:** React, Node.js, Flask, NextJS

**Developer Tools:** Git, Docker, Supabase, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse

**Libraries:** pandas, NumPy, Matplotlib, ShadCN, Aceternity

**Courses:** MACM 101 (A+), CMPT 125 (A+), MATH 150 (A+)