# Abdullah Hanoosh

Software Engineer | AI & Embedded Systems | Full-Stack Development
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## EDUCATION & CERTIFICATIONS

**Ontario Tech University – ON, Canada**                          *Jan. 2021 – Present*
*Bachelor of Engineering – Software Engineering*
Specialization in AI, Web Programming, Full-Stack Development, Data Structures, Distributed Systems, Embedded Systems

**Energy Project Management Fundamentals – PTAG / Talent**    (Awarded Dec. 2021)

**Vice President** – Arab Student Union (2025)

## SKILLS

**Languages & Tools (Proficient):** Java, Python, C, C++, JavaScript, SQL, PHP, HTML/CSS, MySQL, REST APIs, Git, Linux, Docker

**Frameworks & Tools (Familiar):** Node.js, Laravel, WhisperX, Ollama, WSL, Android Studio, Figma

**Practices**: Full-Stack Development, Object-Oriented Design, Agile/Scrum, TDD, CI/CD, Version Control

**Soft Skills:** Leadership, Critical Thinking, Technical Communication, Collaboration, Adaptability

## EXPERIENCE

**Self-Employed Freelance –** Durham Region, ON                          *Jul 2022 – Jan 2025*
*Software Developer & Web Consultant*
- Delivered 4+ production-ready full-stack websites (HTML, JS, PHP), improving site load speed and usability by approximately 30% and usability based on client feedback
- Managed full project lifecycle independently, including consultation, coding, and deployment
- Integrated APIs, ensured responsive design, and provided technical support

**Dr. Hanoosh Medical Office** – Whitby, ON                          *May 2022 – July 2025*
*Health-tech Developer*
- Built offline AI tools using WhisperX + Ollama to automate SOAP reports from patient conversations, reducing documentation time for physicians by approximately 40%
- Developed charting/analytics apps, streamlining daily workflows and improving reporting efficiency
- Ensured data privacy by designing secure, local-first systems

## PROJECTS

- **Dr. AI – Local AI SOAP Report Generator (Completed):** Automated medical note-taking with WhisperX + Ollama, producing structured SOAP reports offline.
- **Autonomous Network Intelligence System (Completed):** Linux tool for offline wireless data collection with scalable, privacy-first design.
- **Logistics Tracker (Completed):** Built real-time asset tracking web app with maps + live DB integration, enabling instant visibility into deliveries.
- **Bulk SMS App (Completed):** Web-based scheduling tool to send bulk SMS via CSV upload + third-party API.
- **Capstone – Autonomous E-Scooter (Ongoing):** Developing an autonomous e-scooter prototype with LiDAR, computer vision, and embedded systems for urban micromobility.