

Shane Tawse

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Profile

Software Engineering Technician Graduate complimented with a background and extensive training in technology, installation, design, inspection, and service. Areas of focus include C# Programming, Web/Mobile Application Development, Software Testing and Quality Assurance, DevOps Engineering, Database Administration, and Software Development.

Skills and Qualifications

- Experienced project manager/leader with strong analytical skills to troubleshoot and solve technical issues
- Excellent time management skills complemented by strong attention to detail ensuring accuracy in coding and documentation – effectively manage multiple tasks and meet deadlines.
- Effective communication skills for collaborating with team members and stakeholders combined with a good understanding for client and customer needs gained through customer/client facing roles and background
- Proven willingness and ability to learn new technologies, embrace change, and adapt to changing environments and priorities
- Experience working in diverse environments, supporting team members and customers from various backgrounds, technical knowledge, and service needs
- Background in cost and resource estimating, contract approval and negotiation, staff training and development, in addition to budget development and adherence

Technical Knowledge and Expertise

- **Programming Languages:** C#, C++, Java, JavaScript, Python, HTML, CSS, SQL, PL/SQL, Linux, Kotlin
- **Development and Design:** Visual Studio, Visual Studio Code, Eclipse, Linux, GitHub and git, Postman, Thunder Client, Lucid Chart, MongoDB, Visual Paradigm, Oracle SQL Developer, MySQL, Python, Jira, React, Azure, OWASP, React, Node.js
- **Areas of Study:** C# Programming, Math, Web Application Development, Software System Designs, Software Engineering Requirements, Java Programming, Advanced Database Concepts, Full Stack Engineering, Linux Operating Systems, Web Interface Designs, Programming 1,2 & 3, Global Citizenship, Advanced Business Communications, Artificial Intelligence Ethics, UI Smart Devices, Software Testing and Quality Insurance, DevOps Engineering, Database Administration, System Analyst, Project Management, Prompt Engineering (Chat GPT, Microsoft Copilot)

Education, Training, and Certifications

Software Engineering Technician Diploma, Centennial College, Graduated December 2024

Canadian Geo Exchange Coalition Installer Course Certificate

Geo Thermal Technologies Apprenticeship and Continuing Education, McElroy University

Recent Experience

Electrical Inspector, Toronto Hydro, 2020 to 2024

- Ensured that electrical installations and services met the required standards and regulations with duties and responsibilities encompassing site inspections for compliance with Toronto Hydro standards and the Ontario Electrical Safety Code, auditin and monitoring, regulatory compliance, client interaction, and documentation.

Sales Representative, Cintas Corporation, 2018 to 2020

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- As a Sales Representative at Cintas Corporation, I developed and maintained client relationships, identified new business opportunities, and consistently exceeded sales targets through effective product promotion and strategic market analysis. Additionally, I enhanced route efficiency and developed a profitable client base that exceeded the company's expectations.

Geo Thermal Installer, Lead Hand, Clean Energy Developments, 2008 to 2016

- Worked on large scale geo thermal heating and cooling installations projects across Canada including Calgary Airport, Johnson Pools - Cambridge, Truro Civic Center- Nova Scotia supporting with site map designs and product cost estimates.

Kitchen Manager/Inventory Controller, St. Louis Bar and Grill, Burlington, 2007-2008

- Supervised all aspects of restaurant operations including staff training and development, scheduling, and inventory control.

Additional Experience and Information Available