

JOHN NGUYEN

CODE DEVELOPMENT | SOFTWARE DEBUGGING

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Friday, 18th July 2025

Contact Name: HR Manager

Position: Classroom Technology - Student Worker

RE: Position of - Classroom Technology - Student Worker

Dear Sir/Madam

I am excited to apply for the **Classroom Technology - Student Worker**. Currently pursuing a Software Development Diploma at Southern Alberta Institute of Technology (SAIT), I have a strong foundation in software development, debugging, and project collaboration. My hands-on experience with various programming languages and frameworks, coupled with my problem-solving skills, makes me eager to contribute to your team's success.

Through my academic and project experience, I have developed proficiency in:

- **Software Development & Debugging:** Strong understanding of Python, C#, JavaScript, SQL, and PL/SQL, with hands-on experience in full-stack development.
- **Application Design & Backend Development:** Developed RESTful APIs using Node.js and Express, integrating third-party APIs to enhance application functionality.
- **Testing & Quality Assurance:** Conducted unit testing using Junit and implemented debugging strategies to resolve defects and optimize performance.
- **Cross-Team Collaboration:** Led multiple student development projects, effectively coordinating efforts and ensuring seamless integration of features.
- **Version Control & Development Tools:** Experience working with Git, GitHub, Docker, and VMWare for collaborative and efficient development.

One of my most impactful projects, Sprout: Plant Care Tracker, involved leading a team to develop a fully functional mobile application using React Native and MongoDB Atlas. I implemented external API integrations for real-time data retrieval and optimized backend communication with AWS IoT Core, ensuring secure and scalable storage.

I am eager to apply my technical expertise and problem-solving skills to **Classroom Technology - Student Worker**, contributing to innovative projects while learning from experienced professionals. I would welcome the opportunity to discuss how my skills align with your team's needs. Please feel free to contact me at (825) 288-0437 or mailtam62@gmail.com to schedule a conversation.

Thank you for your time and consideration. I look forward to the possibility of contributing to your team.

Sincerely,

John Nguyen