**NGOC TAM NGUYEN (JOHN)**

(825) 288-0437 – [ngoctam.nguyen@edu.sait.ca](mailto:ngoctam.nguyen@edu.sait.ca)

hinntam.vercel.app – Calgary, AB

**PROFESSIONAL PROFILE**

* Currently a student in the Software Development program at SAIT, seeking a Software Development Intern position.
* Ability to work effectively as part of a team, demonstrated through multiple group projects.
* Extensive experience developing web and mobile applications using modern frameworks and collaborating in team environments to deliver high-quality software solutions.
* Proficient in front-end and back-end development, with strong problem-solving and communication skills.

**TECHNICAL SKILL**

* Programming Languages: JavaScript, TypeScript, Java, C#, Python, HTML5, CSS3, SCSS/Sass.
* Front-End Frameworks: React, Next.js.
* Mobile Development: React Native CLI, Expo
* Build Tools: Vite
* Version Control: Git, GitHub
* Back-End Development: Node.js, Express.js, ASP.NET
* Databases: MongoDB, MySQL, Oracle, SQLite
* Framework developed with React and Next.js, styles using Tailwind CSS.
* APIs & Cloud Services: Google Cloud, AWS, JSON, RESTful APIs by NextJS and Express.
* Other Tools: Postman, Browser Developer Tools, Agile methodologies

**PROJECT**

**SAIT Capstone Course Project** **–** **React Solution January 2024 – April 2024**

Southern Alberta Institute of Technology (SAIT) | Calgary, AB

**Position: Developer**

* Led a multi-disciplinary team of 5 in creating a driving class 7 mobile application on Visual Studio by React Native and database MongoDB, back-end NodeJS.
* Created responsive, cross-device layouts to ensure seamless functionality on various screen sizes.
* Designed and implemented responsive, cross-device layouts for seamless user experiences.
* Developed practice questions and sample exams for targeted assessment preparation.
* Utilized RESTful APIs to communicate between the front-end and back-end.
* Conducted component testing to ensure code quality and maintainability.
* Link: [**Google Play Store**](•%09https:/play.google.com/store/apps/details?id=com.codewithnguyen.todoalbertadriving)

**SAIT Capstone Course Project** **–** **Master Parking Application August 2024 – December 2024**

Southern Alberta Institute of Technology (SAIT) | Calgary, AB

**Position: Developer**

* Developed and implemented 100% of the page navigation features..
* Designed UI components for navigation based on detailed requirements and Figma prototypes.
* Incorporated team feedback, improving application usability and reducing reported issues by 95%.
* Integrated Google Maps API for optimized navigation functionality.
* Conducted thorough testing to ensure quality and performance.

**SAIT Capstone Course Project** **–** **Sprout Mobile Application August 2024 – December 2024**

Southern Alberta Institute of Technology (SAIT) | Calgary, AB

**Position: Developer Lead**

* Led a development team of 3 in building the Sprout plant care application.
* Designed and implemented 100% of the database schema using MongoDB.
* Built a scalable system for efficient data storage and management.
* Developed a RESTful API with Express.js in Node.js to improve server-client communication.
* Integrated an open API for weather-based plant care recommendations.
* Performed API testing using Postman to ensure data integrity

**RELATED EXPERIENCE**

**Software Development Diploma January – April 2024**

Southern Alberta Institute of Technology (SAIT) | Calgary, AB

**Role: Developer**

* Web development by using React, NodeJS, and mobile development in React Native.
* Familiar with database programming relationships (Oracle) and non-relationships (MongoDB).
* Object programming language including structure and algorithms.
* User interface & user experience design.
* Good communication both verbally and speaking.

**SAIT Capstone Course Project -** **Python Solution January 2024 – April 2024**

Southern Alberta Institute of Technology (SAIT) | Calgary, AB

**Role: Developer**

* Collaborated with team of 4 members to analyze and create a Book class on Visual Studio using Python to perform functionalities based on requirements and management sources by Git.
* Created a separate branch in GitHub for each group member to manage changes before merging the branch
* Managed time effectively while working independently by following scheduled group meetings and responding to messages on Teams
* Deployed unit tests for class methods to ensure compliance with requirements

**EXPERIENCE**

**Networking Service**  **September 2024 - Present**

**Role: Technician**

Connect Abode | Calgary, AB

* Installed and configured smart home devices including light switches, security cameras, speakers, and smart locks.
* Resolved connectivity issues and provided troubleshooting support for smart home integrations.
* Installed new Wi-Fi hardware, sensors, detectors, powered window blinds.
* Installed a new smart lock, smart devices, different brands and types.

**VOLUNTEER EXPERIENCE**

**Volunteer April 2024 – Present**

Calgary Food Bank, Calgary, AB

* Attended oriented for a special event.
* Committed true time and safe work in a warehouse.
* Assisted in special events including Purolator Tackle Hunger and Quarry Park co-op stampede breakfast.
* Collaborated with the team in the warehouse to divide separate food.

**LANGUAGES**

* Fluent in English and Vietnam.

**REFERENCES**

* Haythem Shakarchi - Founder, Connect Abode (587) 894-1783 haythems@gmail.com.