

HUNG (DAN) GIA NGUYEN

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Portfolio: <https://monumental-malasadad78d99.netlify.app/>

SUMMARY

Results-driven software developer with hands-on experience in full-stack development using modern technologies. Graduated with a diploma in Information Technology in Software Development and equipped with a proven track record of successfully spearheading initiatives to enhance data collection speed and optimize costs in a professional setting. Demonstrated ability in collaborative problem-solving, delivering high-quality projects within deadlines, and contributing to innovative teams. Eager to continue building on my skills gained during both education and recent full-time contract work, seeking new challenges and opportunities for growth in the field of software development.

EXPERIENCE

Software Developer, [Fitzba, Inc.](#), Calgary, Alberta, Canada August 2023 - December 2023

Full-time/ Contract

- Spearheaded initiatives to enhance data collection speed by 25%, resulting in a 15% reduction in expenses related to scraper tools like BrowseAI.
- Successfully organized and processed over 20,000 data items within tight deadlines, demonstrating strong organizational and time-management skills.
- Leveraged expertise in a spectrum of technologies, including Puppeteer, Node, React, Electron, and Python, to augment and refine data collection methodologies.
- Designed, wrote, and refined code for new software, meticulously analyzing information to propose and strategize the implementation of innovative systems or modifications to existing ones.
- Evaluated complex interrelationships between programs, ensuring seamless integration and anticipating potential challenges that might arise from alterations in one part of a program.
- Demonstrated diligence in documenting both new and updated software, providing comprehensive documentation valuable for ongoing projects and future reference.

Project Music Application - Capstone Project

URL: trovemusic.io

- Collaborated with a team to develop a full-stack music web application using React, Node.js, Express, and MongoDB, Firebase.
- Designed and implemented an interactive user interface using React, HTML, CSS, and JavaScript.
- Developed server-side APIs using Node.js and Express for data retrieval and manipulation, contributing to the overall functionality of the application.
- Implemented database functionality using MongoDB and Firebase for storing and managing music data.
- Conducted testing and debugging to ensure application functionality and performance.

- Completed the project within the given timeline, meeting project requirements and milestones.
- Deployed the application on AWS, showcasing proficiency in cloud platform utilization.
- Achievements: Improved website performance by optimizing database queries, resulting in a 30% reduction in loading time.

TECHNICAL SKILLS

- Full-Stack Development: MERN Stack (React, Node.js, Express, MongoDB)
- Web Development: HTML, CSS, Bootstrap, JavaScript, Tailwind CSS, Electron
- Programming Languages: Java, Python (AI)
- Framework: Spring Boot
- Database Technologies: MySQL, MongoDB, Firebase
- Cloud Platforms: Amazon Web Service (AWS)
- API Technologies: REST API
- Tools: Git, Visual Studio Code, Figma

EDUCATION

Diploma in Information Technology in Software Development | Southern Alberta Institute of Technology (SAIT), Calgary, Alberta, Canada

- Relevant coursework: Web Development (HTML, CSS, JavaScript), Database Design and Development (MySQL, MongoDB), Software Development (Java), Data Structures and Algorithms
- Graduation Date: May 2023

REFERENCES

Available upon request.