Anh Hoang Nguyen

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WORK EXPERIENCE

Brake Technologies Inc.   **Mar. 2024 – Present**

Full-stack Developer   *Montréal, QC*
- As one of the founding developers, I design and develop the software product architecture, review code contributions, automate software deployment, onboard new members, and respond to incidents.
    - Improve external API calls, reduce latency by at least 50% and decrease traffic costs by 25%.
    - Continuously deliver on target product milestones and key features according to Agile methodology.
- Document technical processes for internal knowledge base.
- assess and communicate technical requirements and business logic to design and product teams.
- Implemented 2 novel features in a short timespan catered to critical customer success.
- Seamlessly integrated OpenAI, Anthropic, Google Search, Maps API in the software package.

SimWell Inc.   **Jan. 2024 – Sep. 2024**

Simulation Software Consultant   *Montréal, QC*
- Designed and developed a novel software-as-a-service product for multi-tool process simulation workflow.
- Integrated the first DevOps system for managing source code, testing, and deploying micro-services.
- Tackled complex user interface design challenges due to the granularity of input parameters and outputs.
- Efficiently pivoted the product's stack and framework to a more robust one, improving code readability and maintainability.

Microsoft Inc.   **Jan. 2023 – Apr. 2023**

Software Development Intern   *Montréal, QC*
- Developed and deployed a new authentication micro-service as the internship project.
- Implemented TLS and SSL to strengthen cross-service communications in production Kubernetes cluster.
- Automated team's virtual machine fleet security patch, vulnerability prioritization, and report generation.
- Collaborated across different teams to roll out a new and improved micro-service product stack.

EDUCATION

Lasalle College   **May, 2027**

Associate's, Computer Science   *Montréal, QC*

Concordia University   **May, 2024**

Bachelor's, Computer Engineering (Incomplete)   *Montréal, QC*
- Vice President of Technology and Technology Advisor at GCES Concordia

SKILLS

Data structures and algorithms; Front-end development; Back-end development; Networking; Software security; Software testing; Agile methodology; DevOps; Platform engineering; Systems administration; Distributed computing; Automation; Risk management; Incident response; Technical documentation; Leadership and initiatives; Effective communications; Problem solving; Task management; TypeScript; JavaScript; Node; C/C++; C#; Java; Python; Go; Rust