

Khai Hung Luong

khaihungleong@gmail.com | 778-583-7088 | Vancouver, B.C | [Portfolio](#) | [github.com/shiro102](#) | [linkedin.com/in/hung-luong/](#)

EDUCATION

University of British Columbia

Sep 2018 – Apr 2022

Bachelor of Science | Major in Computer Science | **Cumulative GPA: 3.5/4.0**

Awards: Outstanding International Student Award, Deputy Vice-Chancellor Scholarship (3 years)

SKILLS

Programming Languages: Python • JavaScript • SQL/PostgreSQL

Technologies/Frameworks: React.js/Next.js/Native • Typescript • Tailwind CSS • Framer Motion • Node.js • Prisma • Three.js

Tools/Cloud: AWS • Vercel • Google Cloud • Git • Docker • JIRA/Bitbucket • Webpack • Blenders • Figma

Language: English • French • Vietnamese

EXPERIENCE

Full-Stack Developer | 3C Dental Clinic ([Visit Site](#))

Dec 2024 – Now

- Increased user traffic by 20% after revamping the website using NextJS and Tailwind for SEO optimization.
- Reduced the database cost by 35% by optimizing database architecture and migrating to Prisma.
- Leveraged server-side rendering (SSR) to reduce page load speeds by 10%, which involved creating reusable RESTful APIs.

Software Developer - Backend | D3 Security

May 2023 – Nov 2024

- Utilized Python and SQL to simplify the authorization procedures (OAuth 2.0, etc.) of third-party APIs to ingest data with SOAR security protocols. Developed RESTful endpoints using Django.
- Delivered Proof of Concept (POC) projects by collaborating with client-facing teams. Rapidly addressing complex requirements such as developing a 20 GraphQL functions for CrowdStrike integration within two days to score a POC valued \$100,000.

Machine Learning Software Developer Intern | HRS

Aug 2022 – Feb 2023

- Developed an NLP model with Python to predict the service code from multiple fields of invoices with Tensorflow and Alpine Docker, achieving 96% accuracy in production. Deployed the model to the production as RESTful APIs using Flask, Docker and Azure Container Registry.
- Worked cross-functionally with data scientists to assess the effectiveness of company's invoices and reports with Tableau.

Web Developer | 3C Dental Clinic

May 2022 – Aug 2022

- Engineered an interactive web platform with React while implementing optimal SEO strategies, boosting user traffic by 20% within three months of implementation.
- Lowered the clinic's monthly expenses by 25% by migrating to AWS and centralizing management operations.

PROJECT

Full-Stack Web Developer | Viet Vibe Foundation ([Visit Site](#))

Oct 2024 – Now

- Led a team of 5 to develop an all-in-one web and mobile application enabling users to book lessons/events and stay updated with the latest event news using NextJS/React Native, Axios, Tailwind CSS and Prisma.
- Established a simplified digital tool that enabled over 50 non-tech members to create, edit, and share multimedia posts.
- Integrate Stripe by creating webhook to securely receive and process all payments events.

3D Worlds ([Visit Demo](#))

Mar 2024 – Now

- Utilized Three.js, Framer Motion and Blenders, to create powerful and intuitive 3D modeling and rendering experience, enabling users to immerse themselves in different 3D models with ease.

LEADERSHIP

Viet Vibe Foundation, Chief Technology Officer

Oct 2024 – Now

- Oversaw all technology processes and developed three crucial technology strategies which included managing Business Google Workspace, developing a website and implementing CRM software for project management.

CERTIFICATION

AWS Certified Solutions Architect – Associate

Feb 2023