Long Nguyen

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EDUCATION

York University   Toronto, ON
B.Eng., Spec. Hons. Computer Engineering   *Sep. 2019 - May 2023*

EXPERIENCE

Full Stack Developer   Apr. 2024 – Present
DeficienSEE Technology Inc.   *Missisauga, ON*
- Developed a Smart Service Operations Platform supporting 50+ clients across the USA, Canada, and Vietnam, focusing on hotel and house/apartment rental management using **React Native, Python, SQL/Firebase**
- Collaborated with a team of 3 engineers in a Scrum/Agile environment to ensure timely delivery and iteration of the product
- Leveraged a low-code **React Native** application & integrated **Firebase** to design and implement the platform's front-end and back-end functionalities
- **Leveraged Knowledge: JavaScript, SQL, Firebase, Python**

Full Stack Developer   Sep. 2023 – Apr. 2024
Collab Dentistry Inc.   *Concord, ON*
- Delivered and implemented an AirBnb-style application connecting Independent Dental Hygienists to empty operatories on different Dental Offices to maximize the capacity of dental operatories using **Flutter, Python, SQL/Firebase**
- Integrated Stripe's **API** to manage payment informations, processing over 50 transactions per day
- Significantly reduced front-end development time, from over 80 hours to 40 hours using a low-code platform for **Flutter**
- Utilized **JavaScript** to format data on CRM & Admin systems, enhancing data presentation and user interaction
- Designed Collab Dentistry Inc.'s main website using **WordPress**
- **Leveraged Knowledge: JavaScript, Flutter, SQL, Firebase, Python, RestAPI, WordPress**

Software Engineer Intern   May 2021 – Jan. 2023
Assure Global Group   *Toronto, ON*
- Developed and implemented front-end applications of a CRM sytem for an NFT game using **HTML/CSS** and **JavaScript**
- Utilized back-end API calls to efficiently format and retrieve data for front-end web applications
- Collaborated with UI/UX designers and managers to determine the most suitable design system for each client
- Created comprehensive test cases for a full-stack web application utilizing **Node.js, TypeScript, and MySQL**, resulting in a 95% test coverage rate
- **Leveraged Knowledge: JavaScript, Angular, Node.js, SQL, React, RestAPI**

PROJECTS

Spatial Test | *React, JavaScript, Express.js, PostgreSQL, RestAPI*   Aug. 2023
- Created a full stack application using a Mapbox map as a front end, self-developed **API**, and a given **PostgreSQL** database
- Calculated an areal interpolation using a circle on a map, which converts the area into a spatial object. The spatial object was then passed onto the API
- Developed the application's own API and performed **API testing** using **Postman** to ensure the endpoints are functional

tenlalong.com | *React, JavaScript, JSX, HTML, CSS*   May 2023
- Designed a personal website showcasing my personal experience using **React**, **JavaScript**, and **HTML/CSS**
- Created and formatted both animated and non-animated components to enhance user experience
- Implemented media queries to ensure proper front-end layout on all devices and usage scenarios

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Dart, HTML5, CSS, MySQL, PostgreSQL, MongoDB, Firebase
Frameworks: Angular, React, Express.js, Node.js, Spring
Tools: WordPress, Shopify Liquid, WebFlow

OTHER

Languages: Vietnamese (Native), English (Fluent), French (Intermediate)