Thi Hong Van Nguyen

Full Stack Web Developer

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TECHNICAL SKILL

Frontend: React, Redux, Context API, TypeScript, JavaScript, PHP, HTML, CSS, SASS, Bootstrap, Styled-Components
Backend: Node.js, Express, Mongoose, SQL, PostgreSQL, MongoDB, REST API, Bcryptjs, JSON Web Token, Python, Swagger
Testing: Cypress, React Testing Library, Jest, Supertest, Postman, HTTPie | **Version Control:** Git/GitHub
Additional Skills: Agile Project Management, Algorithms, Debugging, Deployment, Test-Driven Development, End-to-end Testing, Integration Testing, Unit Testing | **Deployment:** Vercel. Netlify, Heroku, Firebase

EDUCATION

BS, Purdue Global University, *Information Technology*	03/2022 - Expected 03/2024
BloomTech (FKA Lambda School), *Full Time Program, Full Stack Web Development*	06/2021 - 12/2021
BS, San Jose State University, *BS, Business Administration, Accounting (transferred to PGU)*	10/2020 - 03/2022

EXPERIENCE

Full Stack Engineer, *Sikka Software Corporation, San Jose, CA*   02/2022 – Present
- Built the entire client-side web application for two of company's new products including setting up Github repo, maintaining code base, documenting code standards and libraries used, designing, coding, and debugging the project based on defined specifications and Figma design
- Met with potential clients to present demo of the new products; received feedbacks and improved the sites' features accordingly
- Collaborated with UX/UI designer to determine features, functionalities, user flow, and design of the application based on stakeholders' requirements and goals; as well as with back end engineers to decide data structure, format, and other utilities of APIs in front end side
- Integrated APIs received from back end engineers into client-side application
- Implemented **long polling** technique to constantly and periodically fetch users' production data; subscribed to changes of those data using **Redux** and **React Hooks** and applied to production chart and reports
- Experienced in building dynamic and customized charts by frequently working with a variety of chart libraries such as **React-charts**, **Recharts js**, **Victory** and **Kendo** charts
- Improved mobile user experience by making the application more responsive using **Grid Systems**, **Media Queries** and **Bootstrap**
- Installed **MixPanel** tracking users' interactions with the application; generated reports to measure and analyze the success level of the application

PROJECTS

Coder Heroes | 12/2021   [GitHub]
Group project - A web application for a real non-profit organization, Code Your Dreams, to aid in the cause of helping underprivileged youth in the Chicagoland area break into tech by offering coding courses
- Followed the principles of **Agile Methodology** to actively interact with team members to ensure Just-In-Time production
- Frequently communicated and collaborated with back end engineers to determine database schema and data structure, as well as with UX engineers to decide frameworks and design for the application
- Wrote codes to build payment feature using **Stripe**, for both front end and back end
- Utilized **Ant Design** to ensure unified and high quality design of the application
- Contributed in reviewing, resolving conflicts and approving Pull Requests on **GitHub**

React-Quiz-App | 12/2021   [GitHub] [Web]
- Enhanced the accuracy based on strict and structural typing using **TypeScript**

Anywhere Fitness | 10/2021   [GitHub] [Web]
An individual project covered from front end to backend whose product is a React web application for clients to register and health coaches to create fitness classes anywhere around the nation
- Built a maintainable application and improved its scalability by using advanced state management tool, **Redux**
- Used relational database management system **PostgreSQL**, together with **Node.js** and **Express** framework to design a **RESTful API** and build the entire database
- Successfully coded secured Register, Log in, Logout features with authentication token using **Bcrypt js** and **JSON Web Token**