

VICKI WONG

FRONT END DEVELOPER



CONTACT

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SKILLS

- **Front End** | JavaScript (ES6), TypeScript, React, React Native, HTML5, CSS, Bootstrap, Material UI, GraphQL, Wordpress (PHP), Vue.js
- **Back End** | Node.js, Express, NoSQL, SQL, REST APIs, Nginx, MongoDB, MySQL, Postgres / PostgreSQL
- **Testing/Deployment** | Jest, Mocha, Chai, Amazon Web Services / AWS EC2, S3, K6, Artillery, Loader.io
- **Developer Tools** | Vim, Git, npm, Webpack, Babel, Agile Methodology, Nodemon, TDD, GitHub, GitLab

EDUCATION

HACK REACTOR 2022
Advanced Software Engineering Certificate

SOUTHERN METHODIST UNIVERSITY 2014 - 2019
M.Ed. in Education
B.S. in Biological Sciences
3.9 GPA, Summa cum laude

ENGINEERING EXPERIENCE

REACT NATIVE MOBILE ENGINEER 1/2024 - 5/2024
ACE IoT Solutions

- Implemented and deployed a client redesign project aimed at optimizing user engagement, resulting in a more intuitive thermostat and device interface using **React Native, Expo, and TypeScript** for **iOS** and **Android** development
- Ensured reliability of application by maintaining existing software packages and enhancing system performance, stability, and security
- In addition to the mobile app, transformed an internal tool website to a single-page application (**SPA**) using **Vue.js** backed with **FastAPI**

FRONT END WEB DEVELOPER 2024 - Present
Freelance - Clients from Studio Lu, Accelerate Education

- Applied **JavaScript, MathJax, HTML, and CSS** styles using **Bootstrap** to create interactive and accessible online lessons ranging from K-12th grade for Accelerate Education
- Implemented animations, jumplinks, image carousels, and new style elements within the **Wordpress** website to enhance user experience
- Collaborated with clients to define requirements, needs, and acceptance criteria to ensure satisfaction and optimal performance

SOFTWARE ENGINEER 2022 - 2023
Dottid: Venture-backed PropTech **SaaS** Provider

- Transformed an existing client chat box into a cutting-edge **AI** messaging assistant, ushering in advanced AI capabilities to empower the business
- Restyled the web and mobile platform to boost platform visibility and optimize UI real estate by creating reusable, modular components with **React, React Native, CSS, Node.js, and Material UI**
- Enhanced front-end codebase with **TypeScript** and **GraphQL** types, reducing bugs and saving development time.
- Architected **SQL** queries and functions for company portfolio data analysis
- Improved **unit and integration testing**, and resolved bugs for improved software quality
- Awarded the **Dottid Ladies Quarter Award** in recognition of high productivity and technical excellence

SOFTWARE APPLICATIONS

- **Old School:** Accessible video and blog-sharing platform for the elderly 2022
 - Created an accessible user experience for an older target audience on a responsive app using **React, Javascript, Bootstrap, CSS, and Styled Components**
- **PokéQuiz:** Educational Student Assessment and Engagement Tool. 2022
 - Designed and built an MVP project using **React, PostgreSQL, and Material UI** in 48 hours to increase student engagement in assessments using external APIs and storing scores with PostgreSQL
- **E-commerce UI and Backend Architecture Redesign** 2022
 - Architected the front end to display product information, photos in a carousel, and related products using **React**
 - Backed the front-end service with a **microservice** architecture **RESTful API** backend deliver static site content