William Lei

Full-stack Developer

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Gloversville
NY 12078, USA

PROFILE

Versatile full-stack developer with solid skills in the modern web (React and Node.js), Python, Linux, and an excellent algorithmic mind. While working on a project, communicates clearly and always strives for a deep understanding of the client's needs to efficiently address their problems.

EXPERIENCE

Artjoker
Full-stack Developer

5 / 2021 - 9 / 2022

- Re-coded application using React, which shortened page load times by up to 65%.
- Migrated an application toward the cloud, reducing hosting costs for the client by 50%.
- Implemented a new version of checkout supporting recurring subscriptions using micro-services built in Node.js and TypeScript.
- Updated layout of the application using Shopify React Polaris UI/UX library.
- Integrated Shopify GraphQL API for client-server communication orders.
- Integrated APIs such as Stripe and Google maps to retrieve data and process orders.

Technologies: React, Shopify API, Shopify, Redux, GraphQL

Chop Dawg
Mobile app developer

3 / 2020 - 3 / 2021

- Developed a react native app that supports saliva-based PCR testing.
- Worked together with the team to submit a COVID-related health app to App Store and Android Play Store.
- Followed quick development cycles as it was a very urgent, time-sensitive project.
- Integrated third-party APIs to address validation, QR reader and improved the security by 25%.

Technologies: React Native, React, Redux, React Redux, Swift

BR Softech PVT. LTD.
Senior Front-end Developer

9 / 2018 - 2 / 2020

- Attained a prototype used to visualize transportation routes using React, Antd, and Deck.gl.
- Built a scheduling tool in the form of a Gantt chart using React and Material-UI.
- Researched and selected libraries and tools.
- Balanced requirements, UX, and deadlines in order to get most of the business value in a limited timeframe.
- Designed APIs and manipulated big data.
- Composed scripts—with Python and Node.js—to parse complex data structures.

Technologies: Node.js, Recharts, Python, Deck.gl, React

Epixel MLM Software
Front-end Developer

8 / 2016 - 8 / 2018

- Translated the design team's UX wireframes and mockups into responsive, interactive features using HTML, CSS, and JavaScript that increased user engagement on page by over 200%.
- Provided strategic advisory on design and development processes, initiating revamped structures and systems to ensure a consistently high level of quality.
- Researched, established, documented, and maintained company coding best practices, development organization, and workflow standards.
- Worked with the agile team to migrate a legacy company website to React and Sass.

Technologies: Java, ES7, PHP, GraphQL, SCSS, Less, XSLT, XML, JavaScript, CSS3, HTML5, ECMAScript (ES6), ES5

SKILLS

LANGUAGES

TypeScript, Python, ECMAScript (ES6), HTML5, CSS3, JavaScript, GraphQL, Sass, C++, C, Ruby, PHP

FRAMEWORKS

NestJS, Next.js, Bootstrap, Express.js, Redux, MUI (Material UI), Angular, React Native, Flutt Flask, Ruby on Rails (RoR), OAuth 2, JSON Web Tokens (JWT), Selenium, Qt, Django

TOOLS

GitHub, Docker Compose, Mongoose, NPM

SKILLS

STORAGE
Relational Databases, MongoDB, MySQL, PostgreSQL, Databases, Microsoft SQL Server, Oracle PL/SQL, Oracle SQL

PLATFORMS
Firebase, Amazon Web Services (AWS), Amazon EC2 (Amazon Elastic Compute Cloud), Docker, MacOS, Linux

EDUCATION

DIPLOMA
Bachelor's Degree in Computer Science

9 / 2012 - 5 / 2016

The University of Hong Kong, Hong Kong, China