FULL-STACK DEVELOPER

Cayal Walker

ABOUT ME

A decade of experience as a software engineer working in e-commerce and interactive web applications. Dedicated to continuous improvement of the end product through achieving deep mastery of the tools. Amateur drummer.

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github.com/cayal
cayal.net
cayalwalker@gmail.com

EXPERIENCE

SOLO DEVELOPER | VERMONT; REMOTE – 2020 - PRESENT

Created declarative DOM-based frontend toolchain using Javascript and NodeJS. Designed and programmed iOS+Android app using Expo, TypeScript, React Native, and TailwindCSS. Implemented macOS application and Mamba-architecture model inferencer using Swift. Developed IoT/remote sensing devices with web-based GUI using Python, AWS SDK, and systemd.

SOFTWARE ENGINEER II | WAYFAIR; BOSTON, MA – 2018 - 2020

Maintained 2-day shipping badge system using PHP, SQL Server, and React+Redux, and implemented new supplier lead time prediction logic using C# and SQL Server. Authored technical designs and documentation for owned features and coordinated work with product manager and six developers in Agile team.

FULL-STACK DEVELOPER | INCROWD; BOSTON, MA – 2017 - 2018

UI feature development and maintenance for React+Redux web application. Implemented API endpoints and backend features in Scala and MySQL. Analyzed and hotfixed revenue-impacting frontend and backend bugs while on-call. Mitigated DDoS and resolved outages affecting Linux servers via AWS and SSH.

JUNIOR WEB DEVELOPER, SITE RELIABILITY ENGINEER | MYWEBGROCER – 2015 - 2017

Developed Wordpress-backed websites for national grocery companies using jQuery, KnockoutJS, and CSS. Utilized LAMP (Linux, Apache, MySQL, PHP) stack to implement specially-customized features for clients. Performed live troubleshooting and resolution of core C# and SQL Server features while on-call.

EDUCATION

B.Sc., Computer Software Engineering, Vermont Technical College | 2015

Graduate Study, Complex Systems, University of Vermont | 2017

CORE SKILLS

FRONTEND
• NPM   • Typescript/JSDoc, Rollup, Vitest   • React   • WebGL   • CSS Animations • DOM API

BACKEND
•NodeJS   • SQL   • HTTP Servers   • Auth   • NodeJS   • Performance Analysis   • C#

MOCKUPS
• Experience with Sketch, InDesign, Figma, Photoshop   • Planning layout behavior from artboards

DRAWING BOARD
• Marker-based feature prototyping   • Schema modeling   • Domain-boundary analysis   • Active listening