Austin Melchior
FULL STACK SOFTWARE ENGINEER

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A full stack software engineer with a passion for programming, teaching, and continuous learning. With experience in a variety of technologies and best practices, I can quickly adapt to the needs of a software project to deliver high-quality enhancements that meet the needs of the customer.

Technical Skills

JavaScript, Typescript, Ruby/Ruby on Rails, Elixir, Java, Python, C++, Visual Basic (VB), SQL, ReactJS, React Native, Redux, Phoenix, PostgreSQL, SQLite, Test Driven Development (TDD), DevOps, Agile Software Development, Continuous Integration (CI), Linux, Git, GitHub, Nginx, Eclipse

Professional Experience

SOFTWARE ENGINEER (CONTRACTED) - Elmmly, San Diego, CA   2020 – Present
- Developing software enhancements and fixes for a variety of software applications using ReactJS, React Native, Node JS, and Java.

SOFTWARE ENGINEER APPRENTICE – 8th Light, Los Angeles, CA   2020 – 2020
- Worked on team-based software projects with focused mentoring towards in depth software engineering principles for high quality software, software patterns, and best practices in Test Driven Development (TDD), Continuous Integration, Scrum, Kanban, and general Agile workflows
- Developed software enhancements and automated tests for Proximie using Elixir with Phoenix connected to a PostgreSQL database. The Proximie app enables medical video chat communication between doctors and patients provided in response to the COVID-19 pandemic.
- Developed a supply chain tracking and analytics app for FourKites in ReactJS and Typescript to call backend REST APIs to provide the supply chain data.
- Designed and developed apps for internal company use and learning from the ground up using Java, JavaScript, Python, Ruby, and a variety of database engines.

SOFTWARE ENGINEERING COACH – Flatiron School, Los Angeles, CA   2019 – Present
- Teaching students and mentoring up in coming software programmers as they complete the learning curriculum at Flatiron.
- Providing hands-on development help using Ruby, JavaScript, ReactJS.

INDEPENDENT CONTRACTOR – Los Angeles, CA   2018 – 2019
- Developed new features and enhancements for a variety of smaller projects leveraging ReactJS, React Native, and Ruby on Rails.

EARLY EXPERIENCE:
PYROTECHNICS TECHNICIAN, **Pyro Spectaculars**, Rialto, CA, 2012 – 2017
VISUAL BASIC PROGRAMMER, **Bellis Reinforcing Steel**, Chatsworth CA, 2013 – 2014

Education and Training

(In Progress) Computer Science & Business Administration: Pierce College, Los Angeles, CA

React Native Courses: Udemy, 2018

Full Stack Web Development Certification: Flatiron School, Los Angeles, CA, 2018