

Quintin Russell

Full-Stack Software
Engineer

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EXPERIENCE

Software Engineer

SEPTEMBER 2022 / OCTOBER 2025

CorporateTools

- Developed and managed communication platform, enhancing internal and external phone calls, emails and client histories. My team took the application from its initial users to 1000+ in 2 years
- Integrated legacy databases into new data structures, improving data querying and client history generation.
- Utilized technologies including VueJS, Ruby on Rails, PostgreSQL, and MongoDB for daily operations (occasionally used Go, AmazonS3, MeteorJS)
- Collaborated on cross-functional teams to optimize software solutions and streamline workflows.
- Implemented best practices within the code and documentation to ensure maintainability and scalability.

Teaching Assistant

JANUARY 2022 / SEPTEMBER 2022

LearningFuze

- Assisted with development of learning exercises, focusing on JavaScript, CSS, HTML, React.js, and Express.js.
- Supported project construction and implementation of RESTful APIs and PostgreSQL integration.
- Facilitated morning stand-ups to enhance team communication and project alignment.
- Mentored peers in DOM manipulation and best coding practices.
- Contributed to curriculum development, enhancing educational materials for full-stack web development.

Environmental Engineer

APRIL 2020 / SEPTEMBER 2022

Dudek

- Developed Python program analyzing 50+ years of sub-hourly stream flow data, addressing data gaps and enhancing efficiency.
- Utilized Geographic Information Systems (GIS) for technical data analysis and modeling, improving project outcomes.
- Trained colleagues on data visualization techniques and data collection methodologies, fostering team skill development.
- Wrote JavaScript code to dynamically control data display properties, optimizing user experience.
- Made timely decisions in the field, balancing project specifications, budget constraints, and managerial requests.

EDUCATION

Oregon State University

Bachelor's Degree, Water Resources

LearningFuze

Accelerated Full-Stack Web Development Program

Rice University (Coursera)

Introduction to Scripting in Python Specialization
Program

SKILLS

JavaScript (React & Vue)

Ruby on Rails

Python

PostgreSQL

MongoDB

AWS

AGILE