

Josh Rudesill

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Skills

JavaScript: ES6, TypeScript, React, Next.js, React Hooks, Redux, WASM (Rust)

Databases: MySQL, MongoDB, Redis, NoSQL, SQL

Node.js: Express, Websockets, socket.io

Responsive Design: Tailwind, Bulma, Bootstrap, HTML, CSS

C#: ASP.NET, RhinoCommon

Design: Figma, Adobe Illustrator, Rhino, AutoCAD, Inventor

Testing: Jest, react-testing-library

Version Control: Git, GitHub, Docker

Experience

Full Stack Software Engineer - AFPost | February 2024 - Present

- Implement and maintain features in ASP.NET as requested by site stakeholders both user-facing content and administrator tools
- Optimize and improve current codebase for performance and SEO to increase profitability
- Add functionality to site CMS which include full HTML markup support, custom article components, and embedded images

Full Stack Software Engineer (Student) - Prime Digital Academy | November 2023 - April 2024

- Immersion program teaching modern technologies such as JavaScript, React, Node, and SQL. Additional training in diversity, equity, & inclusion, public speaking and presentations, and real-world client work.
- Solo Project (2 week sprint): ParchEZ - A websocket based web application for playing the board game parcheesi online against friends. Built using react, redux, express, socket.io, PostgreSQL and Tailwind
- Group Project(2 week sprint): Arcs - An application built for ARCS Institute for personality assessment creation and management. The app allows clinicians to create personality assessments. After an assessment is created they are given a code which they can send to a patient. After the patient uses the code to take the test their results are analyzed and a report can be downloaded as a PDF. Built using react, redux, express, PostgreSQL and Tailwind

Mentorship w/ Staff Software Engineer | August 2022 - August 2023

- Building production level projects and learning how to work in a real development environment from a Staff Software Engineer with 10+ years of experience. Learning how to be ready to tackle any task especially ones outside of my current stack

Workflow Software Developer + CAD Operator - Vomela | April 2021 - August 2022

- Part of a team that created and maintained a C# plugin to extend our CAD program Rhino3D
- With around 150 separate job-specific features, the plugin reduced errors by 95% and sped up many routine daily tasks by over 90%
- Created and maintained a custom web app built using react for data centralization and managing project progress within a team of 5
- Created production files for commercial printing and cutting following company standards.

Education

Prime Digital Academy - Full Stack Software Engineering Certification - 2024

Century College - Associates Degree in Engineering Computer Aided Design - 2019

Spanish - Certified B2 in European Spanish