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, HTML5, CSS, CSS3
C#: RhinoCommon
Design: Figma, Adobe Illustrator, Rhino, AutoCAD, Inventor
Testing: Jest, react-testing-library
Version Control: Git, GitHub, Docker

Experience
Full Stack Software Engineer (Student) - Prime Digital Academy | November 2023 - Present
- 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 + Aceternity for style.
- Upcoming projects: Client/Group (3 week sprint)

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
- Built a website to play live chess with anyone around the world using React, Redux, Express and MongoDB. It utilizes websockets and Redis for fast requests to minimize latency between players down to <100ms per move | github.com/joshrudesill/chess2
- Built a scheduling tool for small businesses to create and manage appointments with their customers. Built with React + Next.js and MySQL. It includes account auth and custom react hooks for efficient HTTP request lifecycle management. | github.com/joshrudesill/Jewel

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