Zach Shouts

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Software Engineer

PROJECTS

Netflix Clone | Full Stack
github.com/zachshouts/netflix-clone | netflix-clone-zachshouts.vercel.app
- Implementation of TypeScript, Next.js, React.js, Prisma, MongoDB, and TailwindCSS.
- Developed as a learning opportunity in TypeScript, Next.js, and Prisma.

Weather Dashboard | Front End
github.com/zachshouts/weather-dashboard | zachshouts.github.io/weather-dashboard
- Implementation of React.js, TailwindCSS, ChakraUI, and 3rd party API's.
- Developed during a full stack development program at UMN, and refactored post graduation.

Personal Portfolio | Front End
github.com/zachshouts/portfolio | zachshouts.github.io/portfolio
- Implementation of HTML, CSS, JavaScript, and TailwindCSS.
- Developed as an unofficial resume, to showcase technical skills and give a little backstory.

WORK EXPERIENCE

lion.app • Mar 2023 – Present
Software Engineer Apprentice
- Perform project lead duties such as assigning tasks, providing assistance, and managing a team of 2-3 apprentices in an agile environment.
- Developed lion.app's web app frontend using React, and multiple React libraries.
- Developed a serverless API using Node.js, AWS Lambda, API Gateway, and DynamoDB.
- Implemented a user context across the frontend to minimize prop drilling by over 50%.

Do North Pizzeria • May 2022 – Dec 2022
Kitchen Staff / Delivery Driver
- Coordinated tasks and tickets with 3-8 other kitchen staff, consistently ensuring high quality and efficient service for clients. Managed on average, 10 tickets at once while following Do North and food safety standards consistently earning a sanitation score between 98-100%.

Self-employed • Jan 2022 – May 2023
Tutor
- Developed and implemented personalized lesson plans for clients.
- Taught core programming concepts and languages such as HTML, CSS, JavaScript, Java, and Python.
- Developed strong communication, problem solving, and teaching skills which led to 100% retention rate.

• Assisted clients with coding projects and homework assignments.

Keystone Bluffs Assisted Living• Jun 2020 - Apr 2022

Dietary Aide - Shift Lead

• Led teams of 3-4 dietary aides to provide meal time service to 90-110 residents. Coordinated with nursing staff and oversaw completion of daily tasks by team members.

• Provided training and guidance to existing and new team members in the absence of the kitchen manager.

EDUCATION

Full-Stack Web Development Certificate

University of Minnesota • Dec 2022 - Mar 2023

• A 12-week intensive program developing skills in a range of computer science areas, including browser-based technologies, databases, server-side development, API design, and deployment and delivery.
• Led by experienced professionals and comprised 22 units, as well as 3 group projects that provided hands-on experience creating full stack web applications.

Associate of Applied Science in Computer and Web

Programming Lake Superior College • Aug 2020 - Dec 2022

• [48 Credits Completed] A 3-year degree focused on a broad overview of the field.

• Gained valuable web development skills, including HTML, CSS, JavaScript, PHP, SQL, and WordPress.

• Developed skills in Object-Oriented Programming and game design, working with popular programming languages such as Python, Java, and C#.

CERTIFICATIONS

Full Stack Web Development

SKILLS

Node.js, React.js, JavaScript, Amazon Dynamodb, MySQL, NoSQL, Object-Oriented Programming (OOP), TypeScript, HTML, jQuery, Representational State Transfer (REST), MongoDB, Database Development, Jest, Git, AWS Lambda, Front-End Development, CSS, Back-End Web Development, Next.js, Java, C#, Amazon Web Services (AWS), JSON, Firebase Auth, SEO Optimization, SDLC