WYAT SOULE

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SKILLS

Skills: React, Nest.js, GraphQL, AngularJS, TypeScript, Node.js, AWS, Redis, Next.js, Agile, Git, HTML/CSS, CI/CD, Storybook

PROFESSIONAL EXPERIENCE

State Of Michigan   **Lansing, MI, USA**
Student Software Developer   *May 2023 - Present*
- Developed a new, in production application for the DNR using Angular & .Net with currently 500+ monthly active users.
- Spearheaded operational efficiency by designing and implementing SSIS packages and SQL, automating the seamless import and conversion of legacy data into modern databases.
- Created & attended meetings with both team and client members to create a streamlined development process.
- Created CI/CD pipelines that improved build processes by removing manual build processes, increasing productivity.
- Used C# and Dev Express to create an efficient back-end to an in-production application.
- Upgraded & maintained Angular & .Net versions, allowing for use of the most up-to-date software on the application.

Imagine Software   **East Lansing, MI, USA**
Development Team Lead   *January 2024 - Present*
- Led a team of 5 other student engineers to rewrite a legacy application to a modern tech stack for MSU Faculty and students to assist with future enhancements.
- Met with the client monthly for status updates and feature demos.
- Architected a full stack application using RDS PostgreSQL, Nestjs with Apollo Server GraphQL, and Nextjs Server Side rendering with Apollo Client GraphQL using an Nx Monorepo.
- Created weekly tasks for team members to complete in a timely fashion.Initialized full AWS infrastructure using RDS, Cognito, Amplify, Route53, and Ec2.

Brass Raven   **Reed City, MI, USA**
Co-owner   *October 2022 - Present*
- Contributed to researching and selecting the tech stack for current and future Brass Raven projects.
- Created and picked up weekly tasks.
- Created a robust component library for use with all future Brass Raven applications.
- Attended and orchestrated weekly meetings for status reports on the company and new task creations.
- Mocked React components for testing using Storybook.
- Tested functions and components using Jest library.

State Of Michigan   **Lansing, MI, USA**
IT Student Quality Automation Analyst   *May 2022 - May 2023*
- Executed software quality assurance, crafting automated test scripts and comprehensive application documentation.
- Maintained and troubleshooted 170 automated regression scripts, ensuring continuous software reliability.
- Developed, updated, and executed regression scripts within SQL Server, ensuring testing of software applications.
- Conducted daily quality assurance testing on diverse software applications and systems, ensuring quality standards.

PROJECTS & OUTSIDE EXPERIENCE

Imagine Software   **East Lansing, MI, USA**
Technical Director   *October 2023 - Present*
- https://www.msuaiclub.com/
- Collaborated with cross-functional teams to identify and resolve technical issues.
- Conducted research and stayed up-to-date with industry trends and advancements.
- Provided technical guidance and support to 50 members across 8 teams.
- Evaluated and added new technologies to improve processes and efficiency.
- Led and guided multiple dynamic teams of 6 in developing full-stack web applications for clients, adhering to Agile Development Standards.
- Spearheaded the end-to-end construction of the full-stack application, leveraging a tech stack including AWS, PostgreSQL, Redis, Apollo, GraphQL, Express, Node.js, URQl, Next.js, and React.
- Shared expertise by educating team members on cutting-edge technologies such as React, Typescript, TypeORM, GraphQL, Node.js, and PostgreSQL, building a collaborative development environment.
- Ensured effective communication and alignment with the client and product manager through weekly meetings, guaranteeing the delivery of an exceptional application that meets daily use standards.

EDUCATION

Michigan State University   **October 2021 - May 2025**
Bachelor's, Computer Science
- Algorithms & Data Sctructures