

Jacob Roseboro

Full Stack Developer

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Education

12/2021 **Bachelor of Science, Computer Science**, *Western Governors University*

Professional Experience

- 08/2021 – present **Full Stack Developer**, *OxeFit*
- Work with an agile team of developers in a fast-paced startup providing innovative exercise services that contributed to one million dollars in sales in our first year.
 - Engineer secure APIs utilizing C# and the ASP.NET5 Framework to support analyzing and displaying workout data, as well handling customer onboarding and maintenance.
 - Develop captivating user interfaces that allow clients to view exercise statistics and membership details. Built with TypeScript, Angular, React, and React Native.
 - Maintain automated unit and integration tests with xunit, Postman, Cypress, and Angular Testing Library.
 - Support cloud-based development using Azure DevOps, Docker, Kubernetes, and Helm
- 06/2021 – 08/2021 **Web Manager**, *Footbridge Media*
- Worked with a small team of developers to manage site development and marketing for small businesses such as contractors, plumbers, and pressure washers.
 - Oversaw maintenance of 100+ customer sites, performing monthly site inspections for improved SEO.
 - Revamped sites utilizing HTML, SCSS, PHP, JavaScript, and MySQL.
 - Executed online marketing strategies for success.

Projects

- 2022 **Machine Learning Heart Disease Diagnosis**,
Python, Flask, Heroku, PostgreSQL, SKLearn, Pandas, TypeScript, React, ChartJS 📄
- Engineered a Flask API that took an input of 11 variables related to user health and implemented machine learning to predict the probability of user heart disease
 - Developed a front-end in TypeScript and React that allowed a user to take a quiz that would utilize the Flask API to display the probability of heart disease and offer helpful tips to manage it.
 - Visualize heart disease statistics using ChartJS.
 - Manage data security by implementing login and session management as a requirement to access information.
 - Utilized PostgreSQL to store and retrieve user data.

Skills

TypeScript | JavaScript | C# | Python | Java | React | Angular | .NET5 | Flask | Git | MongoDB
MySQL | PostgreSQL