

Robert Lewis

Full Stack Web Developer | Software Engineer

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TECHNICAL SKILLS

Front End: React.js, Redux, Hooks, Context API, Jest, Cypress, Yup, Axios, JavaScript, HTML, CSS, Material UI

Back End: Node.js, Express, SQL, Git, GitHub, VS Code, Knex, Jest, Authentication, JSON Web Token

Additional: Microsoft Excel and VBA, Microsoft Office, Algorithms, Debugging, Deployment, Writing/Running Tests, Unity

PROJECTS

Human Rights First: Asylum Report Generator, *Frontend Developer*

[GitHub](#)

- Developed React components to support graph display and visualizations using JavaScript and Redux libraries
- Created multiple graph components including TimeSeriesAll, OfficeHeatMap, CitizenshipMapAll, TimeSeriesSingleOffice, and CitizenshipMapSingleOffice
- Integrated Axios library for making asynchronous API requests to fetch data for visualization
- Implemented logic for rendering the appropriate graph based on the view and office parameters
- Designed styled components using CSS with user Authentication features

Lightweight, Fullstack app “Qizurd”, *Full Stack Developer, Frontend Lead Designer*

[GitHub](#) | [Application](#)

- Designed a React web app using Redux with MongoDB and deployed using Vercel
- Utilized React Router to enable CRUD functionality for user account management and quiz customization
- Leveraged CSS and MUI to enhance the user interface with PrivateRoutes to secure application and quiz data

MapleGrove Student Schedule Tracker, *Full Stack Developer, Solo Developer*

[GitHub](#)

- Designed and built a website to track students’ schedules and total course credit information
- Extensive work on building an MUI frontend using Typescript with large focus on CSS Flexbox,
- Fully Authenticated and secure backend with algorithms designed to give new students a premade schedule
- Work closely with school admission when determining their “dream product/application”

EXPERIENCE

Roush - *Data Analyst*

2023 - Present

- Created Macros and programs that would complete tasks much more efficiently. Reducing the time it would take to complete these tasks from four hours, to about an hour and a half.
- Created Macros and programs that would scan Excel Spreadsheets and double check work that could not be automated, showing any mistakes that may have been made
- Re-worked the process of collecting data, creating a much more readable Excel Spreadsheet and more accurate data

Freelance - *Web Developer*

2022 - Present

- Build Full stack web applications using React, JavaScript, and multiple npm libraries
- Customize and manipulate backend configuration to SQL and API database features
- Implement HTML, CSS, and JavaScript to design interactive web page forms with User Authentication
- Collaborate with SMEs and developers to troubleshoot, improve, and test new dynamic web applications

EDUCATION

Henry Ford Community College: *Computer Science Associate's degree*

2023-2024

BloomTech, *Graduate of the Full Stack Web Development Program*

2023