

Godfrey Mwalupindi

Data / Software Engineer

Portfolio: <https://react-portfolio2-coral.vercel.app/>

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EDUCATION

B.S. from The Ohio State University, Main Campus

SKILLS

Front End:	React, Javascript, Next.js, Tailwind CSS, Typescript, HTML, CSS
Back End:	Java , SQL, Python, OAuth
Frameworks/Libs:	React, Spring Boot, Next.js, Angular, D3.js, Tableau, Knowledge with REST APIs
Database/Server:	MySQL , PostgreSQL , MongoDB, Erwin Data Modeler
Deployment:	Amazon S3/Web Services, Vercel

WORK EXPERIENCE

Software Engineer @ CORMAC (Remote) - (December 2021 - Present)

- **Data Science**
 - Coded SVGs (Scalable Vector Graphics) to better visualize healthcare data through dashboards to clients using D3.js as well as other frontend libraries/frameworks
 - Builds data structures/algorithms to manipulate and sort large amounts of data
- **Web Development**
 - Built web pages to host data visualizations for clients
 - Formatting web pages using HTML and implemented aesthetic color palettes using CSS
- Participates in code reviews and/or quality assurance testing activities

Junior Software Engineer @ QHSC (Remote) - (March 2021-December 2021)

- Helped maintain website for a Non-profit Healthcare Organization that fields information from clients and stores that information in cloud databases
 - Used React, Javascript, HTML/CSS, MySQL
- Stored organization metadata to database using SQL

PROJECTS (more on website: <https://react-portfolio2-coral.vercel.app/>)

“Lava” : Video Streaming Web App - (Completed)

- Built a video streaming app that takes username/email/password information, updates information to a database and authenticates credentials. Working video player as well as a “Favorites/My List” feature.
- Used Next.js, Typescript, Tailwind.css, Prisma db, Mongo db, OAuth

D3 / React Dashboard - (Completed)

- Built a React dashboard which rendered multiple data visualizations using D3.js. These visualizations range from a simple line chart, to a fully interactive map of the United States with hover functionality and React useState hooks under the hood to handle state management updates
- Used D3.js, React, Javascript, HTML/CSS