**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