Joseph Huntington
Software Engineer

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Technical Skills

Languages and Frameworks | Full Stack Development
- JavaScript, HTML, CSS, React, Node.js, Bootstrap, jQuery

Database and ORMs | Back End
- MySQL, SQLite, Sequelize, MongoDB, Mongoose, PostgreSQL

Tools | Utility, and Testing
- Docker, Webpack, Git, Jest, React Testing Library, AWS (S3, EC2), Supertest, Mocha, Chai, Postman, Compass, VS Code, K6, New Relic, Loader.io, Heroku, NGINX

Software Engineering Projects

Billions PG | Software Engineer | github.com/Billions-PG/Reviews
PostgreSQL, Express, React, Node.js, Docker, New Relic, K6, Loader.io, EC2, NGINX
Upscaled the database of a legacy full-stack app with PostgreSQL and deployed on EC2 while load balancing with NGINX
- Refactored and upscaled legacy back-end infrastructure to handle 11 million records using **PostgreSQL** and optimized query times from 20 seconds down to an average of 2ms by hash indexing the tables
- Deployed to an **EC2** instance using **Docker** and measured average response times using **Loader.io** in conjunction with **New Relic** to monitor stress load across varying levels of clients per second
- Integrated **NGINX** to perform load balancing across 3 servers to dramatically improve average response times at high client per second counts and reduce error rates at high stress

GoHuLa | Software Engineer | github.com/GoHuLa/Product
MongoDB, Mongoose, Express, React, Node.js, Axios, Docker, Bootstrap, Material-UI, React Testing Library, Jest, Supertest
Full-stack mock of Etsy product description page with service-oriented architecture
- Created a responsive, interactive web application in the style of Etsy using **Bootstrap** for a desirable user experience
- Routed server requests using **Express** for **Node.js** to **MongoDB** utilizing **Mongoose** for reading data stored in the database
- Tested **React**, server requests, and functionality using **React Testing Library**, **Supertest**, and **Jest** for assurance of operation
- Deployed the application to an **EC2** instance on **AWS** using **Docker** for experience with deployment and ability to showcase

PokeBuilder | Software Engineer | poke-builder.herokuapp.com
MongoDB, Express, React, Node.js, Mongoose, Axios, Heroku
A Pokemon team builder full-stack app built with MERN stack and deployed on Heroku
- Performed **API** calls for Pokemon data using PokeAPI and mold data to store only necessary data in a **MongoDB** database
- Utilized **React** to render calculations of individual and total strengths and weaknesses of selected team members and displayed results in an easy to understand grid

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Professional/Previous Experience

Huntington Electric Co., Inc. | Office Administrator / Apprentice   2016 - 2021
- Troubleshot, diagnosed, and repaired electrical issues in customers homes resulting in fewer error callbacks
- Managed customer accounts, billing, scheduling, and office technology maintenance to balance office workload, streamline workflow, and greatly increase performance and efficiency of the office staff

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Education

Hack Reactor | Advanced Software Engineering Immersive Program   2021