



Alexander Mesmer

Software Engineer in Lexington, Kentucky

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Skills and Qualifications

- ✓ 2 Years experience with front and backend web development
- ✓ Demonstrated corporate and client confidentiality via HIPAA and CPNI
- ✓ Strong ability to work within a team

Tech Stack

JavaScript, TypeScript, Docker, Git

NodeJS, NestJS, Express, Mongoose, Sequelize

React, Redux Toolkit, Vite, Jest, RTL, CSS

Work History

Software Engineer | Cosmic Software Solutions

March 2022 - Current

Primarily working on the frontend of web applications as a contract engineer using TypeScript, React, React Bootstrap, SCSS, Formik, and Redux Toolkit.

- Used Jest and React Testing Library to write a frontend testing suite that covered 31 components with 163 tests, achieving over 65% coverage.
- Fixed multiple bugs found while creating mentioned testing suite
- Conformed all forms to have the same logic, validation and appearance with Formik and SCSS

Disease Investigator - Data Team | Lexington-Fayette County Health Department

September 2021 - April 2022

Worked on the Data Team of the Lexington-Fayette County Health Department primarily working in the CDC's National Electronic Disease Surveillance System (NEDSS) to create and close investigations as well as process, clean, and verify data sent to the state and national government.

- HIPAA Certified by the State of Kentucky
- NEDSS Maintenance certified by the CDC

Retail Sales Consultant | AT&T

June 2015 - September 2021

Sales person for company owned stores and authorized dealers selling cellular services, cellular devices, internet and TV service.

- CPNI Certified yearly
- Switched over an entire city's Emergency Management Department to FirstNet
- Achieved Business Expert and FirstNet Expert in multiple years

Projects & Accomplishments

🏆 Code Editor site using TypeScript, React, Redux Toolkit, and Material UI

🏆 Full stack Ecommerce platform using Express, Mongo, React, Redux, and PayPal

🏆 A backend API for a simple car estimate tool using TypeScript and NestJS

🏆 A micro services app with Docker, Kubernetes, TypeScript, Express, NATS streaming server, and NextJS