



# Alexander Mesmer

**Software Engineer in Lexington, Kentucky**

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## Tech Stack | Skills | Qualifications

- ✓ 2 Years experience with front and backend web development with a proven self taught background
- ✓ General: JavaScript, TypeScript, Docker, Git, AWS
- ✓ Frontend: React, NextJS, Redux Toolkit, Vite, Jest, React Testing Library, CSS (Tailwind, SASS, CSS in JS)
- ✓ Backend: NodeJS, NestJS, Express, Twilio, Prisma, Mongoose, Sequelize, Mongo, MySQL
- ✓ Demonstrated corporate and client confidentiality via HIPAA and CPNI certifications
- ✓ Strong background in technology: Android, iOS, MacOS, Windows, Telecommunications
- ✓ Robust ability to work with a team along with 8 years experience in B2B sales
- ✓ An ambitious mind with a knack for seeking out new knowledge and skills

## 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, SASS, Formik, AG Grid, and Redux Toolkit.

- Configured and used Jest and React Testing Library to write a frontend testing suite that covered 31 components with 163 tests, achieving over 65% coverage in 4 categories
- Found and fixed uncaught issues while creating mentioned testing suite
- Conformed all forms to have the same logic, validation and appearance using Formik and SASS

### 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 handle investigations as well as process, clean, and verify data sent to the state and national government.

- HIPAA (Health Insurance Portability and Accountability Act) 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 service and devices, internet and TV service.

- CPNI (Customer Proprietary Network Information) Certified yearly per federal law
- Switched over an entire city's Emergency Management Department to FirstNet
- Achieved Business Expert and FirstNet Expert in multiple years

## Projects & Accomplishments

🏆 Resume was built using a React site with HTML and CSS then exported as an image and then processed to be a readable PDF

🏆 API and admin site for an in development app using TypeScript with NextJS, Tailwind, Twilio, Docker, Prisma, and MySQL

🏆 Personal site made with TypeScript using React, Vite, Mantine UI, and CSS in JS

🏆 Blog site from scratch using TypeScript with NextJS, Tailwind, Prisma, MySQL, and Docker hosted on Vercel

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

🏆 Full stack e-commerce platform using JavaScript with Express, Mongo, React, Redux, and PayPal

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