

# JACK MALCOM

Fayetteville, AR

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## EDUCATION

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**University of Arkansas**  
B.S. in Computer Science

May 2022

## EXPERIENCE

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### **Bounteous**

*Associate DevOps Architect*

March 2022 - Present

*Remote*

- Redesigned the frontend for one of our CD tools, using Angular and FastAPI. The redesign added long requested new features, status indicators, and deploy history.
- Created a status page to allow non-technical clients to easily view uptime and usage metrics for their AWS infrastructure with Angular, FastAPI, and AWS CloudWatch.
- Used AWS Security Token Service and Identity and Access Management to create a secure process to access client accounts in order to host the status page on our own account.

### **Tesseract Ventures**

*Full Stack Developer*

September 2021 - December 2021

*Tontitown, AR*

- Maintained and enhanced our interactive data analytics and presentation environment, using Electron, React, and Typescript.
- Designed a window management system within the environment, allowing scaling, tiling, and filtering.
- Used WebSockets to stream data being presented in the environment to mobile devices in real time.

### **SupplyPike**

*Frontend Developer*

May 2021 - September 2021

*Fayetteville, AR*

- Developed an internal tool using React to search, filter, preview, and modify ingested client files.
- Helped migrate legacy web scraping and file ingest code to a NestJS based API.
- Created the first project to depend on mostly internal UI libraries, and helped steer their development.

## SKILLS

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### **Languages**

Javascript, Typescript, Python, Java, Rust, Dart, LaTeX

### **Frameworks**

Node.js, React, Angular, FastAPI, Express, NestJS, Flutter, Svelte

### **Databases**

PostgreSQL, SQLite, DynamoDB

### **Tools**

Node.js, Git, Docker, AWS, Linux (Arch BTW)