JACK MALCOM

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EDUCATION

University of Arkansas *May 2022*
B.S. in Computer Science

EXPERIENCE

Bounteous March 2022 - Present
Associate DevOps Architect *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 September 2021 - December 2021
Full Stack Developer *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 May 2021 - September 2021
Frontend Developer *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

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)