

EXPERIENCE

• Bridgewater Associates

Security Engineer

Westport, CT

June 2018 - Present

- **Iris:** Iris is an internal graph analysis tool designed for incident response and investigation workflows.
 - * Shadowed customers to build and prioritize requirements
 - * Developed a scalable application utilizing GraphQL and React
 - * Designed highly available and fault tolerant AWS infrastructure
 - * Built Terraform to automate deployment of AWS resources
- **Policy DB:** is a proxy policy configuration engine designed to track the lifecycle of a policy exception and enforce configuration across multiple proxy providers.

• Sansbury Consulting

Application Engineering

Tampa, FL

October 2017 - June 2018

- **Mad Mobile Concierge:** Concierge is a leading MPOS solution used globally by Brooks Brothers, Vans, and The North Face.
 - * Developed GDPR compliant analytics system
 - * Lead adoption of test driven development to slash regression rates across all company applications
- **ID Plans Remote Property Manager:** Remote Property Manager is a real estate management system used by property managers nationwide.
 - * Achieved plan load time performance improvements of 2X
 - * Migrated on-premise infrastructure to AWS

• SentinelSix

Full Stack Engineer

Columbia, SC

June 2017 - October 2017

- **Guardian Angel:** Guardian Angel is a global personnel security solution adopted by multiple Fortune 100 companies
 - * Implemented CI/CD pipeline with Docker Cloud and Jenkins
 - * Built React-based real-time tracking dashboard and multi-tenant user management system.
 - * Developed native iOS application
 - * Built performant geospatial data ingestion endpoints, using Go.
 - * Designed and implemented plugin management solutions to cut Webpack build times.
 - * Slashed technical debt through preventive code review strategies and cut cloud costs through datastore index optimization strategies.
 - * Recruited and hired emerging developers through outreach to local high schools, hiring 3 interns.

• TCube Solutions

Software Application Developer

Columbia, SC

April 2016 - June 2017

- **R&D:** I developed and implemented business solutions and applications, while playing integral role in researching and recommending new technologies for the insurance sector. Part of this process was developing cost / benefit analyses and demonstrations.
 - * Spearheaded research and development of use cases for potential use of blockchain technologies in the insurance sector.
 - * Drove automation of project kickoff and task assignment processes using JIRA.
 - * Launched internal file sharing tool to enable storage / sharing of 500 files per week.

PROJECTS

- **Personal Finance Toolkit:** Personal finance data generation and exploration toolkit codifying my decision making logic for more accurate decision making.