

TIMOTHY MILLER

FULL STACK DEVELOPER

PROFILE

9 years experience leading Full Stack development best practices & open source contributions. Handling everything from selecting server hardware to writing a containerized data pipeline & web app for deployment locally or in the cloud for both public & private sectors.

CONTACT

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ATLANTA, GEORGIA

LANGUAGE SKILLS

- Docker + Kubernetes
- AWS + Azure
- React
- TypeScript + JavaScript
- Github + GitLab
- Java + Kotlin + Android
- Python
- Rust + C
- PostgreSQL
- MongoDB
- Bitcoin Script

EXPERIENCE

SENIOR SOFTWARE ENGINEER II

CENTERS FOR DISEASE CONTROL | MARCH 2020 - PRESENT
CHAMBLEE, GEORGIA

- Created & deployed the Data Pipeline & Web App for Horizon Scanner, an experimental project to identify trending public health concerns. Technologies used: Docker, TypeScript, NLP, React, Python, VS Code, and MongoDB.

PROJECT MANAGER

PREPARE SOFTWARE, LLC | 2019-PRESENT
MIDTOWN ATLANTA, GEORGIA

- Open sourced the code for a cryptocurrency kill switch for automating the process of swapping between risky assets and stable-coins.
- Program runs inside a Docker container template I created. Source code is available on Github.
- Collaborated with Industrial Design majors from SCAD to create a casing for the device.

SOFTWARE ENGINEER

THE VED.IO GROUP, LLC | 2015-2019
STANFORD, KENTUCKY

- Rewrote Clean My Android with the MVVM pattern using Clean Architecture Components.
- Authored a white paper on the feasibility of Monero mining.

SOFTWARE ENGINEER

TJM SOFTWARES | 2011-2015
SPRINGFIELD, ILLINOIS

- Achieved a rank in the top 150 apps on Google Play for Productivity with Clean My Android.

EDUCATION

**BACHELOR OF COMPUTER SCIENCE, SPECIALIZATION IN
CYBERSECURITY & HUMAN-COMPUTER INTERACTION**
UNIVERSITY OF ILLINOIS | 2013-2016
URBANA-CHAMPAIGN