

Aaron Madved

☎ +1 330-597-0610 | ✉ aaronmadved@gmail.com | 🐱 madgrid | 💼 aaron-madved | 📍 Kent (Ohio)

SKILLS

Languages: Javascript, Typescript, Python, Golang, Bash, POSIX, PHP

Frameworks/libraries: Angular, React, Vue, MUI, Flex, Tailwind CSS, Express, Flask, Django, Fiber

Databases: Postgres, MySQL, MongoDB, Redis

Devops: AWS, GCP, Azure, Docker, Kubernetes, Helm, Skaffold, Argo CD, Jenkins, Github Actions, Terraform, Vagrant, Grafana, Prometheus, Datadog, Ansible

Tools: Vim, VScode, Makefile, Unix Utilities

OS: Linux, FreeBSD, OpenBSD

EXPERIENCE

Tech Lead / Full Stack / DevOps

BCW 2021 - 2023

- Project Manager for staking platform for POS blockchains
- Backend Engineer for a crypto validator swarm
- Infra/SRE lead for node as a service
- Fullstack found member for Hedera RPC service

Consultant

GCI 2020 - 2021

- Developed Frontend component libraries
- Architected micro frontend architectures
- Maintained build pipelines and deployments
- CI/CD support line for clients

Project Manager / Full Stack / DevOps

Carnegie Mellon University 2019 - 2020

- Worked alongside Prof. Madj
- Developed Cloud Computing course material
- Administrated over a dozen TAs
- Maintained Azure CI/CD deployments
- Created and maintained the Gitops for Terraform
- Enhanced CMU Learning Management Systems
- Created proxy server to expose course material to MIT
- Worked alongside with Microsoft and Azure Team.

Full Stack

Li-x GmBh 2018 - 2019

- Containerized the entire tech stack
- Rewrote backend from PHP to Express
- Rewrote Frontend from Laravel to Angular

Full Stack

Viewfin 2017 - 2018

- Frontend engineer for crypto exchange szzc
- Fullstack engineer for crypto exchange RightBTC
- Wrote blockchain dapps for metaverse blockchain
- Created the metaverse chain explorer and lightwallet SPV

PROJECTS

Arkhia: Hedera RPC Provider (<https://www.arkhia.io/>) (Nodejs, React, Postgres, Redis, GCP, Github Actions, Skaffold, Argo CD, Kubernetes)

Hashport: Crypto Bridge (<https://www.hashport.network/>) (Golang, React, ProtoBufs, AWS)

Sail Platform: Learning Platform (<https://sailplatform.org/>) (Python, Django, Azure, Terraform)

EDUCATION

Bachelors of Applied Science, Application Development Kent State University	2011 - 2016
Masters of Digital Science Kent State University	2018 - 2019