

# HARSH BAID



Software Engineer

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## WORK EXPERIENCE

### Algoscan

CEO/Founder | *June, 2021 - August, 2023*

- Created Algoscan, the #2 Blockchain Explorer on Algorand averaging ~150k visitors/month
- Managed as an off-shore Singapore Entity for business development and strategic partnerships
- Achieved triple-digit product growth/adoption scaling our APIs from a 100 to ~500k requests/day
- Front-end engineered using Next w/ Typescript, Serverless Architecture, Custom Component Design
- Back-end infrastructure built on AWS + Terraform w/ Postgres, Cassandra, EC2, and Lambda.

### Metrum Research Group

Solutions Engineer | *Jan, 2019 - June, 2021*

- Developed advanced quantitative analysis tools in R/Python to support drug development research
- Built a high-performance cloud compute solution to scale bayesian stat modeling and simulations
- Oversaw and led the front-end development across all user facing applications focusing on UI/UX
- Standardized SDLC practices and guidelines helping the organization scale from 3 to 20 engineers

### Fora Financial

Full Stack Engineer | *Sep, 2018 - Dec, 2018*

- Supported and maintained an underwriting system managing over \$100 million in loans/assets
- Migrated the entire consumer-facing front-end over to React improving UX and load times
- Built a CI/CD pipeline with Drone simplifying deployments and more reliable software releases

### Environmental Data and Governance Initiative

Software Engineering Internship | *Jun, 2017 - Aug, 2017*

- Collaborated with multidisciplinary research teams to develop complex data visualization models
- Built pipelines in python to efficiently extract and process over 10TB of web crawler data

## EDUCATION

### UNIVERSITY OF MARYLAND

Computer Science  
+ Math

## SKILLS

- Javascript (React / Typescript / NextJS / State Management - Redux or similar)
- Go / Python / R
- Container Orchestration (Kubernetes / Docker)
- Databases (Postgres, Cassandra, Mongo / BigQuery / Snowflake / Redis)
- AWS / Google Cloud (❤️ Terraform)
- Blockchain / Web3
  - Solidity (EVM / Ethereum)
  - DEFI / MEV
- UI/UX Design
- Foreign Entity Structuring