

Kevin Babou: `//fmt.println("Software Engineer")`

Links:

kevinbabou@gmail.com | <https://linkedin.com/in/kevin-babou> | <https://github.com/kevinclb>

Work Experience:

Coinbase – Software Engineer (NFT & ETH Staking Team) – Apr 2022 - Present

- Built core gRPC and GraphQL endpoints which retrieve “drop” objects and NFT listing metadata for new NFT feature which helped to:
 - Drive 200k+ new users
 - Highest sales/day in CB NFT history (\$260k plus \$125k secondary sales)
- Maintain internal HTTP RPC endpoints for calling and assigning validators from 3rd party endpoints
- Write protocol buffer services and accompanying business logic in Golang
- Utilize and work with MongoDB, EC2, PostgreSQL to store documents, host services, and store NFT data & metadata for hundreds of thousands of users, respectively

Coinbase – Software Engineer Intern – May 2022 – Aug 2022

- Implemented a forward-facing proxy service with Go using Redis as a key-value store
- Wrote custom RESTful server API to handle internal administrative connections as a serverless AWS lambda
- Implemented SAML authentication with SSO for our internal admin portal
- Worked carefully in respect to strict security and compliance measures to obscure user credentials and protect over \$2B in funds

Personal Project Experience:

Tasker: an iOS freelance employee marketplace (Swift/InterfaceBuilder)

- Leveraged the power of Firebase Firestore to perform secure credential/data storage/retrieval
- Use of third-party libraries implemented via Cocoapods
- UI designed using Storyboarding & Interface Builder (programmatically)
- Utilized HTTP request handling, multithreaded programming, and JSON web data parsing to draft a feature packed commerce app

Discrete Event Simulator: an MM1/K network queue simulator (Python)

- Simulated a network queue with various transmission rates and nodes
- Implemented MM1/K queues in Python with SimPy and OOP. Used pandas for analysis and matplotlib for graphing
- Logged metrics related to utilization, delay, efficiency, and throughput

Organizations: National Society of Black Engineers (NSBE), ACM, Google Developer Student Clubs (DSC)

Languages: C++, Go, Swift, Python, Ruby

Education: B.S. Computer Science, California State University Long Beach