

EMAD SIDDIQ

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EDUCATION

University of California, Berkeley

August 2017 - May 2021

Bachelor of Arts in Data Science and Political Economy

GPA: 3.24

Relevant Courses: Machine Learning (CS 189), Stochastic Processes (INDENG 173), Probability Theory (STAT 140), Advanced Algorithms (CS170), Econometric Analysis (ECON 141), Linear Algebra (MATH 54)

EXPERIENCE

Flexport Inc. | Software Engineer I (IAM)

November 2022 - Present

- Spearheaded and executed a critical User Sign-up and OAuth overhaul project, replacing legacy identity and authentication flows with containerized Java micro-services, resulting in a 90% reduction in user sign-up time
- Fostered rapid uptake of the new services by onboarding new developers across time zones with pre-recorded instructional videos and detailed adoption guides bringing onboarding time down from 2 weeks to 2 days
- Seamlessly integrated Flexport's acquisitions, Deliverr and Shopify Logistics, for a unified login experience
- Saved \$250,000 by sunseting Auth0 and rewiring existing Ruby on Rails apps to use the new in-house APIs
- Added a Github pull request test coverage generator to the CI/CD pipeline using Jacoco and Github Action

Fin3 Technologies Inc. | Software Engineer I

January 2022 - October 2022

- Gained expertise from FinTech veterans in smart contract development and blockchain cryptography
- Deployed smart contracts to Provenance, a proprietary proof-of-stake chain, powered by the Tendermint core
- Containerized AWS-based Java dApps using Docker for creating tokenized deposits on the Stellar network
- Designed and deployed a Bitcoin hash-rate monitoring system for bankers interested in bitcoin miners' hash-rate
- Conducted extensive testing and deployment of Rust dApps with CosmWasm and Cosmos SDK
- Integrated bank applications with Fin3 services for instant bank payments based on a distributed ledger

SKILLS

Languages

C, Java, R, Python, Julia, C++, C#, Go, Rust, Golang, TypeScript, Pascal, React, CSS, Javascript, PHP, Ruby

Frameworks

Spring Boot, Kubernetes, DAO, Minikube, Next.js, nginx, React Native, PyTorch, networkX, NumPy, Tendermint, Cosmos SDK, Maven, TensorFlow, AWS, EVM, PostgreSQL, HTTP, GraphQL, Grafana, Linux, REST, SQL, HTTP, JWT, TCP/IP, Ruby on Rails, Polygon, SSO, MFA, OAuth2.0, OIDC, RBAC, Zero Trust, Gradle, Bazel