

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)

Nov 2022 - Nov 2023

- 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 detailed guides
 - Regularly performed on-call duties using telemetry frameworks (Grafana, Datadog & Sumologic) & PagerDuty
 - 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
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Fin3 Technologies Inc. | Software Engineer I

Jan 2022 - Oct 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
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SKILLS

Languages

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

Frameworks

Spring Boot, Kubernetes, Minikube, Next.js, nginx, PyTorch, networkX, NumPy, Tendermint, Cosmos SDK, Maven, TensorFlow, AWS, EVM, PostgreSQL, HTTP, GraphQL, Grafana, Linux, REST, SQL, HTTP, JWT, scikit-learn, NLTK, SSO, MFA, OAuth 2.0, S3, OIDC, RBAC, Gradle, Bazel, Keras, Pandas, Sentry, GPU, LLMs, Kafka, Spark, CUDA