SHAILESH SHENOY

Boston, MA | 857-654-6413 | shenoy.sh@northeastern.edu | https://www.linkedin.com/in/shailesh-shenoy/

EDUCATION

Northeastern University   Boston, MA
Candidate for Master of Science, Information Systems   Expected August 2024

SIES Graduate School of Technology   Mumbai, India
Bachelor of Engineering, Computer Engineering   June 2018

SKILLS

Programming Languages: Python, Java, Go, JavaScript (ES5+), TypeScript, HTML (HTML5), CSS (CSS3), Solidity, C#, SQL (PostgreSQL, Oracle, MySQL), NoSQL (MongoDB)

Framework & Libraries: FastAPI, Spring Boot & MVC, Hibernate, JSP, React, Redux, NextJS, .NET, NodeJS, Django, PyTest, SQLAlchemy, Hardhat, Mocha, Bootstrap, Tailwind

Tools, Platforms, Others: Git, AWS, Tibco BusinessWorks, Apigee, Jenkins, Unity, Unit Testing, Middleware, Microservices, Service-Oriented Architecture, CI/CD, Full-Stack, Blockchain, Ethereum

EXPERIENCE

FIDELITY INVESTMENTS   Boston, MA
Software Engineer Co-op   July 2023 – December 2023

- Engineered a system to aggregate user data from 12 crypto exchanges and expose this data via a user-friendly API, significantly reducing the development effort for building crypto services & portfolio tracker
- Instrumented a CI/CD pipeline to deploy a FastAPI application as an AWS lambda function using Terraform and Jenkins, ensuring minimal downtime & scalability to support millions of users
- Designed a NextJS website with accessible documentation & a convenient API playground leveraging OpenAPI 3.0, drastically improving user experience & reducing churn rate by 35%

INGRAM MICRO   Mumbai, India
Senior Software Engineer   April 2020 - July 2022

- Optimized several high-volume web services by rewriting them in Go & refactoring SQL queries, reducing latency from 2+ minutes to <10 seconds and providing fast response time across frontend systems
- Guided 300+ resellers, vendors & partners to transition away from legacy (SOAP/EDI) channels by leading development of multiple RESTful APIs, expediting onboarding time by three weeks on average
- Coordinated with business stakeholders to overhaul existing business processes and build new ones, from requirement gathering to documentation, supporting Ingram's complex IT infrastructure, and driving over $20B in B2B revenue annually

Software Engineer   July 2018 - March 2020

- Collaborated with production support team in orchestrating a uniform Error Handling framework & setting up real-time alerts in Splunk/AppDynamics, reducing incident resolution times by 40%
- Automated the purchase of warranty SKUs & services by integrating IM's backend (Mainframe & SAP) with APIs from Dell, Apple and Microsoft, removing manual interventions from 75% of warranty purchases such as AppleCare
- Accelerated migration from legacy platform Akana to Google Apigee by automating proxy creation in an internal tool using Apigee's management APIs & React, saving $2M in licensed migration costs

PROJECTS

VERIFREE – STUDENT VERIFICATION   Boston, MA
Chainlink Constellation 2023   December 2023

- Built a cross-chain student verification system for anonymous and free access to a Avalanche Subnet as well as a token gated DAO using PolygonID & Chainlink CCIP
- Won an honorable mention for Avalanche track at the Chainlink Constellation 2023 hackathon

ZKREDIT – CREDIT SCORE VERIFICATION   Boston, MA
ETHBoston 2023   April 2023

- Demonstrated a zero-knowledge proof system for secure verification of credit score without sharing confidential data with third party services by harnessing the power of zkApps on Mina protocol
- Bagged Runner-up position at Boston's renowned Web3 Hackathon – ETHBoston'23

WAGERWINZ – CRYPTO PRICE PREDICTION PLATFORM   Boston, MA
Northeastern University   March 2023

- Developed a crypto platform for creating, challenging and winning wagers by predicting the price of ETH leveraging the EVM & Solidity for the smart contracts, and NextJs, RainbowKit & Wagmi for the frontend
- Queried the Chainlink ETH/USD price Oracle and utilized the ContractFactory/Proxy pattern for the smart contracts