SHAILESH SHENOY

857-654-6413 | shenoy.shailesh21@gmail.com | linkedin.com/in/shailesh-shenoy/ | https://shailesh.me | Boston, MA

EDUCATION

- **Northeastern University,** *Boston*   *September 2022 – August 2024*
  - Master of Science, Information Systems
- **University of Mumbai,** *Mumbai*   *August 2014 – June 2018*
  - Bachelor of Engineering, Computer Engineering

SKILLS

- **Programming Languages:** Java, Python, Go, C++, Solidity, JavaScript (ES5+), TypeScript, Rust, C#, SQL, HTML, CSS, XPath
- **Frameworks & Libraries:** Spring Boot, FastAPI, React, NextJS, NodeJS, .NET Core, Hibernate, Java Swing, Tailwind, JQuery
- **Tools, Platforms, Others:** Git, AWS, Tibco BusinessWorks, Jenkins, Terraform, Azure, CI/CD, Service-Oriented Architecture

EXPERIENCE

- **Software Engineer Co-op,** *Fidelity Investments, Boston*   *July 2023 – December 2023*
  - Engineered a developer-friendly REST API to aggregate user data from 6 cryptocurrency exchanges and present it in a standardized format, significantly reducing the effort required to integrate crypto services into a 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 thousands of concurrent users
  - Designed & developed a modern, accessible portfolio-tracker web app using NextJS with a convenient API playground leveraging OpenAPI 3.0, drastically improving user experience & reducing churn rate by 35%
- **Software Engineer,** *Ingram Micro, Mumbai*   *July 2018 – July 2022*
  - Optimized several high-volume web services by rewriting them in Go & refactoring SQL queries, reducing latency from 2+ minutes to less than 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
  - 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 Mainframe & SAP backend systems 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

- **Fitness Coach –** *AI-driven workout planner*   *May 2024*
  - Fitness app with personalized exercise suggestions & routine customization powered by custom LLM assistant on the OpenAI platform
  - Capstone project in progress using React + Redux for the SPA frontend & .NET backend hosted on Azure cloud
- **Secure Social Share –** *Trust-minimized Data Sharing Platform*   *April 2024*
  - Devised an E2E encrypted data sharing system with strict, smart contract-based access control, allowing users to securely share sensitive information with their social circle by harnessing the power of Threshold TaCo
  - Won multiple first place prizes at ETHBoston 2024
- **WordGraph –** *Text Analysis using Graph Algorithms*   *March 2024*
  - Analyzed user-submitted text by creating a graph from the most frequent words & word-pairs in it and applying various graph algorithms, presented through a Spring Boot RESTful API
  - Persisted graph data to a MongoDB database, preventing expensive re-computation of adjacency list from the text
- **WagerWinz –** *Crypto Price Prediction Platform*   *February 2023*
  - Developed a crypto platform for creating, challenging, and winning wagers by predicting the price of ETH on-chain using 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 deployed on Sepolia testnet to ensure total transparency & decentralization