

SHAILESH SHENOY

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

SKILLS

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

WORK EXPERIENCE

- **Software Engineer Co-op, Fidelity Investments, Boston** *July 2023 – December 2023*
 - Architected a developer-friendly RESTful API to aggregate & standardize user data from 6 cryptocurrency exchanges, significantly reducing the effort required to integrate crypto services into a portfolio tracker
 - Built a caching mechanism to persist crypto prices and metadata to a PostgreSQL table, minimizing external API calls & reducing the API latency by 7 seconds on average
 - Created unit tests for a Python FastAPI application and deployed it to AWS, ensuring reliability & scalability to support thousands of concurrent users
 - Designed & developed a modern, accessible portfolio-tracker demo using NextJS with a convenient API playground leveraging Swagger/OpenAPI 3.0, improving the API onboarding time
 - **Software Engineer, Ingram Micro, Mumbai** *July 2018 – July 2022*
 - Rebuilt high-volume web services in Go & optimized SQL queries, reducing latency from 2 minutes to less than 10 seconds
 - Guided 300+ resellers, vendors & partners to transition away from legacy (SOAP/EDI) channels by leading development of multiple RESTful APIs in agile/scrum teams, expediting onboarding time by 3 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 ERP 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

- **Secure Social Share – Trust-minimized Data Sharing Platform** *April 2024*
 - Devised an E2E encrypted data sharing system with strict, smart contract-based access control by harnessing the power of Threshold TaCo, allowing users to securely share sensitive information with their social circle
 - 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 pairs of words and applying various graph algorithms, presented through a Spring Boot REST API
 - Stored graph data in a MongoDB NoSQL database, preventing expensive re-computation of adjacency list from the text
 - **VeriFree – On-Chain Verification System** *December 2023*
 - Built a cross-chain student verification system using PolygonID & Chainlink CCIP, providing verified students with token-gated access to a DAO & subnet on Avalanche
 - Awarded with an honorable mention for Avalanche track at the Chainlink Constellation 2023 hackathon
 - **EventPawz – University Event Management System** *April 2023*
 - Built a Java Spring based system that enabled students to easily find, get notified by, or host university club events
 - Modeled complex relational data using Hibernate ORM persisted to a Postgres database, and implemented OAuth2 authentication with role-based authorization using Spring Security packages
-

EDUCATION

- **Northeastern University, Boston** *September 2022 – August 2024*
 - Master of Science, Information Systems; GPA: 3.7
- **University of Mumbai, Mumbai** *August 2014 – June 2018*
 - Bachelor of Engineering, Computer Engineering; GPA: 3.6