Shreyans Jain

(617) 212-7094 · shreyansjain.work@gmail.com · linkedin.com/in/shrejae · github.com/ShreyansJa1n · Portfolio

EDUCATION

Northeastern University, **Boston, MA** | Master of Science in Computer Science | GPA: 4.0 — Sept 2024 – April 2026
Relevant Coursework: Programming Design Paradigms, Mobile App Development (iOS), Algorithms, DBMS
NIIT University, **India** | Bachelor of Technology in Computer Science | GPA: 8.39/10 — Aug 2018 - May 2022

TECHNICAL SKILLS

Programming Languages:	Java, Python, C++, Swift, TypeScript, Go, SQL
Libraries and Frameworks:	Express.js, FastAPI, Django,Flask**,** UIKit, SwiftUI, React
DevOps and Cloud Platforms:	Google Cloud, AWS, Docker, Kubernetes, Terraform, Grafana, Jenkins, Kafka, CI/CD Pipelines
Developer Tools and Platforms:	Linux, Bash/Shell, Git, GitHub, SonarQube, Amplitude, Sentry, Xcode
Databases:	Firebase, MySQL, PostgreSQL, MongoDB, Redis

PROFESSIONAL EXPERIENCE

Lose It! (Ziff Davis) | iOS Software Engineer Co-op Intern | Boston, MA — Sept 2025 - Present

- Own end-to-end development of consumer-facing iOS features impacting 50M+ users (2M+ daily active), collaborating with Product and Design teams to ship features that drove 15% increase in user engagement through A/B tested implementations
- Architect new user components with SwiftUI while maintaining and refactoring legacy UIKit and Objective-C components for performance optimization and feature enhancements
- Implemented error monitoring and crash analytics using Sentry to proactively identify and resolve production issues
- Lead technical debt reduction initiative, modernizing 15K+ lines of legacy Objective-C to Swift and establishing best practices for code maintainability

Trellix | Software Development Engineer | India — Aug 2022 - Aug 2024

- Collaborated with stakeholders to define feature requirements for EventStreamer module, integrating feedback from enterprise clients and implementing iterative improvements that prevented data loss for 70+ clients
- Designed and implemented Docker containerization standards and deployment pipelines, establishing best practices adopted across engineering organization for consistent software delivery
- Built Python-based developer productivity tools and automation frameworks, reducing average on-call debugging time by 30 minutes per incident and saving 100+ engineering hours
- Served as technical escalation point for critical customer issues, performing live debugging on production systems and delivering hotfixes with 24-hour SLA

PROJECTS

ShapeTracer – Multimodal iOS Tracing App - GitHub **|** Swift, SwiftUI, Core Haptics, AVFoundation, XCTest

- Conceived and built complete iOS application demonstrating mastery of advanced iOS APIs including Core Haptics, AVFoundation, and custom CoreGraphics rendering
- Designed modular architecture from ground up with separate managers for audio synthesis, haptic feedback, and geometric validation, following SOLID principles
- Built comprehensive test infrastructure with 90%+ coverage ensuring reliability of geometric algorithms and audio systems

Financial Data Streaming Backend - GitHub **|** FastAPI, Docker, Kafka, Redis, PostgreSQL, SQLAlchemy

- Architected and built production-grade event-driven system microservices using FastAPI from scratch, containerized via Docker Compose orchestrating Kafka, Zookeeper, Redis, and PostgreSQL
- Implemented Kafka producers/consumers for real-time data streaming with Redis caching layer and SQLAlchemy ORM for optimized database operations
- Designed modular provider architecture enabling seamless integration of multiple financial data sources with extensible framework for future providers
- Established testing and deployment infrastructure with 85%+ code coverage and automated CI/CD, ensuring production-ready quality standards

AWS Integrated Kubernetes Cluster Management- GitHub | Kubernetes, Docker, Helm, Terraform, AWS EKS, KIND

- Architected multi-environment Kubernetes infrastructure supporting dev, staging, and production deployments across AWS EKS and local KIND clusters with automated scaling policies
- Built Infrastructure as Code framework using Terraform to provision reproducible Kubernetes environments in under 10 minutes, reducing infrastructure setup time by 80% and enabling consistent deployments across teams
- Implemented CI/CD automation with Helm charts and AWS ECR integration, achieving zero-downtime deployments and reducing deployment pipeline execution time from 45 minutes to 8 minutes
- Designed security-hardened cluster configurations with RBAC policies, network policies, and secrets management using AWS Secrets Manager, meeting enterprise compliance requirements for production workloads