

Atishay Kasliwal

👤 Software Engineer | 📞 934-246-1198 | ✉️ kashishay@gmail.com | in LinkedIn | 🐙 Github | 🌐 Portfolio | 📍 New York, NY

Education

Stony Brook University

Master of Science in Data Science

Stony Brook, New York

Aug. 2024 – May 2026

Symbiosis University of Applied Sciences

Bachelor of Technology in Computer Science and Information Technology

Indore, Madhya Pradesh

Aug. 2018 – May 2022

Experience

Stony Brook University

Software Engineer - Research

November 2024 – Present

Stony Brook, NY

- Built a scalable real time high-throughput data pipeline in Python, FastAPI, and AWS, processing 200K+ financial records with event driven architecture, achieving 27% portfolio return and \$2.6K profit.
- Designed a distributed data processing system on AWS Lambda and S3, ingesting financial news and transcripts across 3.7K+ time intervals with structured schema validation.
- Architected RESTful APIs in FastAPI with DynamoDB to expose structured financial data across distributed microservices, maintaining 300ms P99 with 99.9% uptime.
- Implemented Docker based CI/CD pipelines with Jenkins and Git on AWS, reducing deployment time by 97% and enabling production monitoring and observability with Prometheus and CloudWatch.

Wake Forest - CAIR

Software Engineer - Summer Intern

May 2025 – August 2025

Winston-Salem, NC

- Developed a scalable ML pipeline using Python, PyTorch, and GCP, achieving 90% accuracy and reducing clinical processing time from 20+ minutes to under 5 minutes across 1,250+ patient cases.
- Provisioned backend infrastructure on GCP using Terraform and Firebase, processing 50K+ scans (10TB+) with RESTful APIs and reliable real time inference at scale.

Accolite Digital

Senior Software Engineer

August 2021 – August 2024

Hyderabad, TG

- Architected an event driven ETL system for Fidelity in Kafka, Java, and Spring Boot, automating tool integration across 10+ enterprise systems with 99% uptime and 100% test coverage.
- Built a serverless platform in Python, Node.js, AWS Lambda, and Firebase, processing async workflows and automating onboarding for 3K+ users via REST API integrations.
- Optimized distributed system performance for 100K+ users by rearchitecting Redis caching and Elasticsearch layers, cutting P99 latency by 40% with zero Sev1s post deployment.
- Delivered production RESTful and GraphQL APIs in Java, Spring Boot, and MySQL for BT Telecom, processing 1,000+ daily transactions at 200ms P99 with 99% uptime and 99% test coverage.

Shriffle

Software Engineer - Intern

August 2020 – July 2021

Indore, MP

- Engineered a scalable centralized secrets management microservice in Java, Spring Boot, and MongoDB on AWS, implementing OAuth and JWT to secure service-to-service communication across 8+ microservices.
- Implemented telecom microservices in Java and Spring Boot, processing 10K+ transactions with JUnit coverage.

Projects

Atriveo | Python, React, FastAPI, PostgreSQL, Docker

January 2026 – Present

- Own and architect Atriveo end to end, designing a multi-service job search platform in Python, FastAPI, Node.js, React, and PostgreSQL serving 100+ active users at 2K+ daily queries with 99.9% uptime.
- Shipped a Chrome extension with 5.0 stars on the Chrome Web Store, leveraging AI tools throughout the development lifecycle to maintain high-quality standards across a fast-paced solo build.

Technical Skills

Languages: Java, Python, Node.js, TypeScript, JavaScript, SQL

Backend: FastAPI, Spring Boot, Kafka, REST APIs, GraphQL, Microservices, OAuth, JWT

Systems: Distributed Systems, System Design, Caching Strategies, Message Queues, Event Driven Architecture

Data and Storage: PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, ETL/ELT, NoSQL

Cloud and Infrastructure: AWS, GCP, Docker, Kubernetes, Terraform, Jenkins CI/CD, Git