

SAMARSINH SALUNKHE

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Summary

Software engineer building backend services and distributed systems with Java, Spring Boot, Python, SQL, and AWS. Comfortable across REST APIs, event-driven microservices, and CI/CD delivery, with a strong foundation in data structures, algorithms, and system design.

Education

Pune Institute of Computer Technology

Bachelor of Engineering in Computer Engineering (Honors in Data Science)

2019 – 2023

8.4 / 10 | 9.5 / 10

Technical Skills

Programming: Java, SQL, C++, Python

Backend & Databases: Spring Boot, REST, PostgreSQL, Redis, JUnit

Data & Streaming: Kafka, PySpark, Pandas

Cloud & DevOps: AWS, Docker, Kubernetes, Terraform, CI/CD

GenAI: LLMs, RAG, Hugging Face

Experience

Dataeaze Systems, Pune

Associate Data Scientist

Apr 2026 – Present

Data Engineer Intern

Sep 2025 – Mar 2026

- Worked on a **Settlement Reconciliation & Exception Management service** using Java 17, Spring Boot, Spring Batch, PostgreSQL, and AWS S3 to reconcile 1M+ payment records per cycle and flag missing, duplicate, and amount-mismatched transactions for operations review.
- Worked on an **Industrial Firmware Rollout Safety Platform**, implementing Java 17/Spring Boot services for device eligibility, staged rollouts, and firmware status processing; used Kafka, PostgreSQL, and Redis to support 10K+ connected devices.
- Engineered a **GenAI AWS architecture automation tool** using Python and AWS Bedrock to reverse-engineer AWS VPC resources into editable Draw.io diagrams, reducing manual diagramming time by 90%.
- Trained MobileNet models for a **Fiber Optic Perimeter Intrusion Detection System**, classifying 10+ signal types on imbalanced sensor data and reducing false alarms by 60%.

Academic Sabbatical (UPSC Preparation)

2024 – 2025

Siemens Industry Software

Software Developer Intern

May 2023 – Jul 2023

Pune, India

- Developed Java Spring Boot REST APIs with PostgreSQL and Redis caching to support secure backend workflows and improve response times.

Persistent Systems

Software Developer Intern

Jun 2022 – Aug 2022

Pune, India

- Built Java Spring Boot backend services with MySQL, external API integrations, AWS deployment, and unit testing.

Projects

Async Notification System with Retry and Rate Limit

[Source Code](#)

- Built a Java Spring Boot notification service supporting async email/SMS delivery with AWS SQS, Redis, retries, DLQ handling, and rate limiting.

Multi-Tenant RBAC Microservice

[Source Code](#)

- Designed Role Based Access Control service in Golang supporting tenant isolation, JWT authentication, REST/gRPC APIs, and Redis-cached permission checks over PostgreSQL.

Achievements

- Completed **Databricks Certified Data Engineer Associate** certification (Jul 2026).
- Solved 500+ problems across online judges, strengthening DSA and complexity skills.
- Published research on **Scientific NLP summarization (T5, transformers)** in IRE Journals.
- 2nd place out of 80+ teams at PRAXIS Hackathon, shipping a full-stack solution in 24 hrs.