

# Shyam Nehruji

+91-9884210367 • [nehrushyam12@gmail.com](mailto:nehrushyam12@gmail.com) • [Leetcode](#) • [LinkedIn](#) • India

## PROFESSIONAL SUMMARY

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Full-Stack Engineer with **3+ years** of experience in **backend development using Kotlin, Java 17, Spring Boot, and microservices architecture**. Skilled in **RESTful API design, event-driven systems (Kafka, Pub/Sub), containerization (Docker, Kubernetes), and CI/CD automation**. Hands-on expertise in **PostgreSQL, Spring Data JPA, Terraform, and cloud environments (AWS)**. Strong background in **Agile/DevOps practices, security-first design, and compliance-driven application development**.

## EXPERIENCE

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### Full-Stack Engineer | Rosterly

*Jul 2025 – Aug 2025*

- Developed **Spring Boot & Kotlin APIs** with OAuth2 authentication and RBAC, reducing security vulnerabilities by **40%**.
- Automated deployments across **AWS and GCP** using **Terraform** and GitHub Actions, enabling **zero-downtime releases**.
- Integrated **PostgreSQL with Spring Data JPA**, tuning queries to cut API latency by **70%**.

### Software Engineer – Backend & Cloud | LTI INFOTECH

*May 2022 – Aug 2023*

- Built **microservices platform** in Kotlin/Java, processing **1M+ API calls/day**; integrated **Kafka event streaming** for scalability.
- Managed multi-cloud deployments on **AWS**, configured failover and compliance policies.
- Implemented **Jenkins-based CI/CD pipelines**, reducing release cycles by **40%**.
- Created Infrastructure-as-Code for VPC, RDS, and load balancers, cutting provisioning time from hours to **15 minutes**.

### Full-Stack Engineer | LTIMINDTREE

*Mar2020 – Apr 2022*

- Engineered event-driven applications with **Kafka, MQ, and Pub/Sub**; improved throughput and reduced message loss.
- Designed API Gateways and **Kubernetes-based deployments** for secure, high-availability workflows.
- Built internal debugging and developer productivity tools, reducing resolution times by **50%**.

## TECHNICAL SKILLS

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- Languages & Frameworks:** Java 17, Spring Boot, Spring Data JPA, Hibernate, REST API, Microservices
- Cloud Platforms:** AWS (EKS, RDS, CloudFront), GCP (GKE, Pub/Sub), Azure
- DevOps & IaC:** Terraform, Jenkins, GitLab CI, GitHub Actions
- Containerization & Orchestration:** Docker, Kubernetes
- Databases:** PostgreSQL, MySQL, MongoDB, Redis
- Event-Driven Systems:** Apache Kafka, MQ
- Testing & QA:** JUnit, Mockito, Selenium, Cucumber (BDD), Integration & Load Testing
- Methodologies:** Agile/Scrum, DevOps, CI/CD
- Frontend:** ReactJS, Angular 15, Redux

## PROJECTS

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### ML-Powered Predictive Analytics Platform

- Developed predictive analytics pipelines in **Python (Pandas, Scikit-learn, TensorFlow)** to forecast service demand; integrated models into **Spring Boot APIs**.

### Enterprise Notification & Event Delivery System

- Engineered a **multi-channel messaging system** with **Spring Boot, Kafka, and GCP Pub/Sub**, supporting millions of events/day.
- Deployed multi-region infrastructure on **AWS** with IaC and implemented compliance checks using **Policy-as-Code**.

### Ride Hailing & Dispatch Platform

- Developed **Spring Boot** microservices for real-time dispatch and pricing workflows with **PostgreSQL & Spring JPA**.
- Leveraged **Kubernetes, Grafana, and Splunk** for real-time monitoring and scaling.

## EDUCATION

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### University of Dayton (GPA: 4.0/4.0)

*Aug 2023 – May 2025*

Master's in Computer Science

### Anna University (GPA: 8.2/10)

*Aug 2016 – May 2020*

Bachelors in Electronics & Communication