

# HARSH VANSJALIYA

SOFTWARE DEVELOPER | Backend & Systems (Java, Spring Boot, Python)

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## SUMMARY

Software Developer with **1.9+ years of startup experience**, primarily in **frontend development**, complemented by **self-driven backend & systems projects in Java, Spring Boot, and Python**. Strong foundation in **data structures, algorithms, and system design**, with a proven record of adapting to new technologies and building projects end-to-end. Passionate about **financial systems, SaaS infrastructure, and scalable applications**.

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## WORK EXPERIENCE

Software Developer | Algoacharya - Ahmedabad | Sept 2023 – May 2025 | 1.9 Years

Fintech startup developing algo-based trading platforms for the Indian stock market.

- **Led frontend development** of a trading platform using **Next.js, TypeScript, and Tailwind CSS**, delivering responsive, high-performance UIs.
  - Developed features including **custom component libraries, dark mode, and real-time data dashboards** to enhance usability for trading operations.
  - Integrated with **GraphQL/REST APIs**, reducing fetch latency **by 40%** and improving system responsiveness.
  - Collaborated with backend developers to understand **Django/PostgreSQL systems**, gaining practical backend knowledge later applied in **personal projects**.
  - Proactively learned backend concepts in spare time, demonstrating **adaptability and ownership**.
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## PROJECTS

Patient Management System | Spring Boot, PostgreSQL, Docker, Kafka, gRPC | [GitHub](#)

- Developed a **Java microservices-based system** to manage patient records, billing, and analytics.
- Implemented **inter-service communication (gRPC)** and **asynchronous messaging (Kafka)**.
- Deployed using Docker Compose, gaining containerization & cloud-ready architecture experience.

Hotel Reservation App | Next.js, Prisma, PostgreSQL | [Live](#) | [GitHub](#)

- Designed a full-stack booking platform with **auth, listings and reservations**.
  - Built **REST APIs + database schema** using Prisma/PostgreSQL for efficient data handling.
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## SKILLS & INTERESTS

**Backend:** Java (Spring Boot), Python (Django), Node.js (Express), REST APIs

**Databases:** PostgreSQL, MySQL, MongoDB | Data modelling

**CS Fundamentals:** DSA, DBMS, OS, CN

**Tools:** Git, Docker (learning), Prisma ORM, Postman

**Frontend (work experience):** Next.js, React, TypeScript, Tailwind CSS

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## CERTIFICATIONS & ACHIEVEMENTS

- **HackerRank:** Java (Basic), JavaScript (Basic & Intermediate), Problem Solving (Basic)
  - **Competitive Programming:** 5★ Java | 3★ Problem Solving (HackerRank) | 170+ LeetCode problems solved
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## EDUCATION

B.E. Computer Engineering | SVIT, Vasad, Gujarat | 2019 – 2023