Harsh Vyas

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EDUCATION

Shree Swaminarayan Institute of Technology   Gandhinagar, India
Bachelor of Engineering in Computer Engineering — CGPA: 7.85   *2020 – 2024*

EXPERIENCE

Ambition Pharma   Jan 2024 – Nov 2024
Java Intern   *Remote*
- Developed backend using Spring Boot, improving application performance by 30%.
- Collaborated with QA teams to identify and resolve 50+ issues before deployment.
- Designed and optimized 20+ APIs, enhancing database performance by 25%.
- Optimized queries and schema, improving data retrieval speed by 20%.

1Day-Cart (Freelance)   Dec 2024 – Present
Backend Developer   *Remote*
- Leading Phase 2 development of high scale eCommerce Android app with focus on scalability.
- Shaped 15+ RESTful APIs and improved database queries by 30%.
- Built backend handling 100K+ requests per month using Express and MySQL.
- Ensured security and improved transaction processing.

PROJECTS

E-commerce Platform with Payment Gateway | Source Code   Jan 2024 – Feb 2024
Spring Boot, JSP, Authorize.Net, Twilio SMS API
- Constructed Spring Boot backend with modules for product listing, order handling, and inventory updates.
- Created JSP frontend with features like shopping cart, wishlist, and order tracking.
- Integrated Twilio SMS API for OTP verification and Authorize.Net for secure payment processing.
- Enabled user registration, login, and checkout flow to improve overall shopping experience

Connect (Twitter Clone) | Live Link   Nov 2024 – Dec 2024
ReactJS, Spring Boot, MySQL, JWT, REST API
- Deployed a Twitter-like app with React & Spring Boot, featuring tweets, profiles, and follow/unfollow.
- Secured with JWT authentication & integrated Cashfree to support smooth and reliable online transactions.
- Used ReactJS for building a responsive UI and Spring Boot for developing scalable REST APIs.
- Implemented intuitive profile views and streamlined interactions to enhance user engagement

TECHNICAL SKILLS

Languages: C, C++, Java (Java 8)
Frameworks: Spring Boot, Microservices, REST API, Hibernate, React
Cloud Platforms and Databases: AWS, Docker, RDBMS (MySQL, Oracle)
Other Skills and Tools: Data Structures and Algorithms, Object-Oriented Programming (OOP), JSP, Version Control (Git), Agile, Scrum, Excel, Tableau, Problem Solving

CERTIFICATES

SQL | Certificate   Jan 2024
Royal Tech
- Learned database design, normalization, and SQL optimization
- Gained experience in joins, indexes, and creating efficient database functions

Spring Boot | Certificate   Jan 2025
Royal Tech
- Learned RESTful API development and Spring MVC
- Gained experience in JWT authentication and database integration