

VED TIMBADIYA

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EDUCATION

Bharati Vidyapeeth College of Engineering, Navi Mumbai
B.E, Information Technology,

Aug 2019 - May 2023
CGPA: 8.53

S.S Divine School, Ahmedabad (12th - GSEB)
Shri L.G. Haria School, Jamnagar (10th - GSEB)

Apr 2018 - May 2019
Apr 2016 - May 2017

EXPERIENCE

Jio Financial Services

November 2023 - Present

Software Development Engineer (SDE-1)

- Developed RESTful APIs in Java using Spring Boot within a **microservices** architecture, enabling new product features and improved UX.
- Implemented circuit breaker pattern in the API Gateway to enhance system resiliency and prevent cascading failures during service downtimes and configured Grafana dashboard to include the circuit breaker metrics.
- Optimised API calls by reducing response time by **60%** through efficient request handling and improved data processing logic.
- Developed and deployed a notification service to deliver SMS and in-app notifications, handling **~100,000** notifications daily with high reliability and throughput.
- Collaborated cross-functionally to define API contracts, accelerating development cycles.
- Assisted with DevOps and CI/CD practices, contributing to smoother deployments and higher system uptime.
- Enhanced application performance and scalability through refactoring and legacy code optimisation.
- Tech stack: Java, Spring Boot, Redis, Docker, Kubernetes**

B2B Marketplace

April 2023 - June 2023

Freelance Software Developer

- Developed a Marketplace platform for agricultural commodities market enabling interaction between buyers and sellers via broker in B2B space.
- Designed and implemented web interface for broker and admin allowing onboarding of buyers/sellers on the platform and their respective management and communication with them.
- Implemented functionality for real time chat, dynamic price adjustment of products and notifying associated buyers in real time, allowing them to secure goods at their desired price.
- Optimized cloud cost by **80%** for data storage and bandwidth transfer by using image compression and introducing Amazon Cloud-front cache distribution layer.
- Tech stack: JavaScript, React.js, Node.js, DynamoDB, Firebase**

PROJECTS

Blood-bag [Repository]

- Developed a platform for easy check upon availability of Blood Bags in hospitals and blood banks using HTML, CSS, JavaScript and Firebase
- Users can check the availability of blood bottles in real time
- Tech stack: HTML, CSS, Javascript, Firebase**

Bill split [Repository]

- Developed an application for splitting bills among multiple people using Nodejs, ReactJs.
- Tech stack: HTML, CSS, Javascript, Firebase**

SKILLS

- Technology - Java, Spring Boot, SQL, JavaScript, React.js
- Competencies - Data Structures and Algorithms, Object-Oriented Programming, DBMS, OS

ACHIEVEMENTS

- Amongst Top **1.1%** on Leetcode
- Achieved global rank **82** (Codechef Starters 96, Div. 2) and **364** (Codeforces Round 913)
- Reached **Expert** on Codeforces, **Guardian** on Leetcode, **4-star** on Codechef (Profiles: [Leetcode](#), [Codeforces](#), [Codechef](#))