

Rudra Parmar

Mumbai, India | your.email@example.com | +91 9699 189 800
Portfolio | LinkedIn | GitHub

Profile

Full-stack developer specializing in scalable backend systems, secure API architectures, and responsive web interfaces. Architected production-ready platforms with role-based access control, real-time analytics, and cloud deployment. National hackathon finalist with strong foundation in system design, data modeling, and performance optimization.

Engineering Projects

- ClassConnect — Adaptive Learning Platform (Full-Stack)** Jan 2026 Top 28 Nationwide — Quasar 4.0
- Architected multi-tenant backend handling teachers, students, parents, and institutions with RBAC security layers
 - Designed REST APIs for authentication, real-time progress tracking, analytics pipelines, and data synchronization
 - Modeled scalable database schema for high-volume learning data and optimized queries for concurrent access
 - Implemented real-time mastery tracking and performance dashboards for adaptive learning insights
 - Tech: Python, Firebase, REST APIs, Authentication, Database Design
- HealthHub — AI-Powered Healthcare System** 2024
- Engineered secure backend handling medical records, appointments, telemedicine workflows, and AI symptom analysis
 - Implemented encrypted authentication, role-based data access, and scalable cloud deployment pipelines
 - Integrated ML model endpoints into production APIs for real-time predictions
 - Tech: Python, Firebase, REST APIs, Railway, ML Integration
- Drive-Safe — Real-Time AI Driving Analytics Platform** 2024
- Built real-time data ingestion services for mobile sensor streams and driving behavior classification
 - Designed analytics backend for alert systems, rewards engine, and performance monitoring dashboards
 - Implemented location services and efficient data storage pipelines
 - Tech: Python, Firebase, OpenCV, REST APIs, Real-Time Processing

Professional Experience

- Tech Team — Google Developer Groups DJSce** Dec 2025 – Present
- Developed production React dashboards and event platforms using Tailwind CSS
 - Implemented data management interfaces and collaborated on scalable web workflows
- Frontend Engineer Intern — Techsphere** May 2024 – Jun 2024
- Integrated REST APIs, optimized UI performance, and improved client-server communication efficiency

Technical Stack

Frontend: React, Tailwind CSS, JavaScript, HTML/CSS
Backend: Python, REST API Design, Authentication Systems, Node.js (learning)
Databases: MongoDB, SQL, Firebase Firestore, Data Modeling
Cloud & DevOps: Firebase, Railway, Docker (basic), AWS (basic)
Engineering: System Design, Performance Optimization, API Integration, Git/Linux

Education

- B.Tech in Information Technology — DJ Sanghvi College of Engineering** 2025–2028
- Semester 3 SGPA: 9.10
- Diploma in Computer Science — Bhagubhai Mafatlal Polytechnic** 2022–2025
- GPA: 3.8/4.0
 - Key Areas: Data Structures Algorithms, Networking, Software Engineering, Web Systems

Achievements

- National Top 28 at Quasar 4.0 Hackathon for scalable full-stack platform
- State-Level Hackathon Winner for real-time AI system
- Active competitive hackathon participant (4+ events)