

# RADHEY DETROJA

✉ Portfolio ✉ radheydetroja@gmail.com in radhey-detroja 🔄 DetrojaRadhey </> LeetCode

## Education

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Charotar University of Science and Technology (Charusat), Gujarat

B.Tech in Computer Engineering

May 2026

GPA: 8/10

## Experience

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Ivotiontech, Ahmedabad

Full Stack Development Intern, June 2024 – Aug 2024

- Refactored legacy code to improve performance and maintainability across key modules.
- Resolved UI/UX issues, improving responsiveness by 30% across mobile and desktop views.

## Projects

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### Roadside Assistance Platform

[GitHub Link](#)

- Engineered a location-aware web app offering real-time medical/mechanical support with peer-based assistance via a Chrome extension.
- Integrated an IoT-based emergency trigger that autonomously contacts services upon accident detection.
- Optimized spatial queries using MongoDB 2dsphere index, enabling sub-second retrieval of nearby help providers.

### Multiplayer Chess Game

[GitHub Link](#)

- Architected a real-time online chess platform using Socket.io, supporting seamless multiplayer matchmaking and gameplay.
- Enabled social features: friend invites, game history, and challenge-based rematches, enhancing retention.
- Integrated Google OAuth for authentication and managed synchronized game state for latency under 100ms.

### Google Form Auto Answering Extension

- Built a Chrome extension leveraging Gemini API to autofill form answers based on question context.
- Implemented OCR to extract and interpret image-based questions with over 90% accuracy in testing.

## Technical Skills

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**Languages:** JavaScript, TypeScript, Data Structures and Algorithms

**Frontend:** React.js, Redux

**Backend:** Node.js, Express.js, Langflow, LangGraph, OAuth, JWT, Passport.js

**Databases:** MongoDB, PostgreSQL

**Tools:** Git, GitHub, Docker, Redis

## Achievements

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- Ranked Top 6/1200+ teams in Odoo x Mindbend Hackathon 2025 at SVNIT; selected Top 50 for innovation impact.
- Contributed to Scribbler JS Notebook: designed CSV upload analysis demo notebook.
- Solved 200+ LeetCode problems, sharpening problem-solving and algorithmic fluency.