

# RADHEY DETROJA

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## Education

Charotar University of Science and Technology (Charusat), Gujarat

B.Tech in Computer Engineering

May 2026

GPA: 8.08/10

## Experience

**Odoo India Pvt. Ltd., Gandhinagar** 

*Software Engineer, Current*

- Working on ERP system, contributing to the development and customization of business modules using a three-layered architecture (Presentation, Business Logic, Data Layer).

**Ivotiontech, Ahmedabad**

*Full Stack Developer*

- Refactored legacy code and resolved UI/UX issues, boosting application performance and improving cross-device responsiveness by 30%

## Projects

**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.
- 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.
- 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

**Languages:** JavaScript, Python, Golang, Data Structures and Algorithms

**Frontend:** React.js, Redux, Tailwind CSS

**Backend:** Node.js, Express.js, Lang Chain, Flask, Gin

**Databases:** MongoDB, PostgreSQL, SQLite, Redis

**Tools:** Git, GitHub, Docker, Gorm, Prisma, N8N, Langflow

## Achievements

- Ranked Top 5/1200+ teams in Odoo x Mindbend Hackathon 2025 at NIT.
- Contributed to Odoo Scribbler JS Notebook: designed CSV upload analysis demo notebook.
- Solved 200+ LeetCode problems, sharpening problem-solving and algorithmic fluency.