

# Tej Alpeshkumar Raval

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[GitHub](#) • [LinkedIn](#) • [Portfolio](#)

## Professional Summary

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Full Stack Developer skilled in **MERN**, **Next.js**, **Spring Boot**, and **agentic AI systems**. Experienced in building scalable applications with seamless frontend/backend integration. Passionate about solving real-world problems using intelligent technologies including **LLMs**, **LangChain**, and multi-agent orchestration.

## Technical Skills

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**Frontend:** React.js, Next.js, Tailwind CSS, JavaScript, TypeScript

**Backend:** Node.js, Express.js, Java, Spring Boot, REST APIs, Microservices

**Databases:** MongoDB, PostgreSQL, MySQL

**DevOps/Cloud:** Docker, AWS, CI/CD Pipelines

**AI/LLMs:** LangChain, OpenAI SDK, HuggingFace, Prompt Engineering, Agentic AI Systems

**Tools:** Git, Postman, Maven, Excalidraw

## Internship Experience

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### Full Stack Developer Intern

Unified Mentor • Remote • Oct 2024 – Nov 2024

- Built full-stack e-commerce app using MERN stack with secure JWT auth.
- Designed responsive React UI and integrated MongoDB-backed REST APIs.
- Collaborated on scalable backend design and code modularization.

## Projects

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### Cold Outreach AI Agent System

LangChain, Claude, Python

- Developed agent workflow for personalized cold outreach emails.
- Integrated tools for company research, prompt refinement, and function calling.
- Enabled handoff coordination between Research, Compose, and Review agents.

### ReWear – Community Clothing Exchange Platform

Next.js, Node.js, MongoDB

- Created a platform to exchange clothes via point or direct swap system.
- Implemented secure login/auth, item listing, dashboard, and admin panel.
- Focused on sustainable design and clean user interface.

### Crew AI – Autonomous Engineering Team

LangChain, Mistral, Python, Next.js

- Deployed agentic system to plan engineering tasks and generate code.
- Integrated shared memory and tools for coordinated multi-agent workflow.
- Automated testing and implementation cycles using modular pipelines.

### AI Personal Assistant – Portfolio Site

React, Gemini Pro, LangChain

- Implemented a contextual AI assistant answering visitor queries in real-time.
- Increased engagement with interactive Q&A across portfolio sections.

## Education

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### **Bachelor of Technology in Computer Engineering**

Sankalchand Patel College of Engineering – Visnagar, Gujarat

2021 – 2025

*CGPA: 8.15 / 10*

### **HSE (GSEB) – Nootan Sarva Vidyalaya**

2021

### **SE (GSEB) – Nootan Sarva Vidyalaya**

2019

## Achievements

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- Solved 200+ LeetCode problems focused on Data Structures & Algorithms.
- Scored 90.14% in TCS iON Cognitive Skills Assessment.
- Completed certifications in Spring Boot and MERN stack.
- Certified in Agentic AI Systems – Udemy.