

Deep Panchal

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Education

LJ Institute of Engineering and Technology
BE in Computer Science and Engineering; SPI: 9.05/10

Ahmedabad, India
Sept 2023 – Aug 2027

Projects

AceUI *React.js, Next.js, TailwindCSS, Radix UI, TypeScript*  

- Developed **AceUI**, a modern UI library for React/Next.js featuring Radix UI, TailwindCSS, and CVA, fully customizable, accessible components.
- No installation needed, components are copy-paste ready with live previews.

HiveMind *Next.js, Prisma, TailwindCSS, Clerk, React, Cloudinary* 

- Built **HiveMind**, a modern publishing platform with rich content editing, dynamic user spaces, and SSR using Next.js.
- Integrated Clerk authentication, Prisma ORM, Cloudinary image optimization, and Radix UI for seamless UX.

StudySavvy *React, TypeScript, Express.js, FastAPI, LangChain, PostgreSQL* 

- Built **StudySavvy**, an AI-powered learning platform that turns study materials into personalized courses, quizzes, flashcards, and summaries.
- Used FastAPI and LangChain for AI workflows, and React, TailwindCSS, Prisma, and PostgreSQL for a full-stack, dynamic learning experience.

Technical Skills

Languages: Python, Java, JavaScript, TypeScript, Rust

Frameworks & Libraries: React.js, Next.js, Express.js, FastAPI, Django, TensorFlow, Pandas, NumPy

Databases: PostgreSQL, MongoDB

Tools & Technologies: Git, GitHub, Docker, Figma, Postman, Prisma, Zod

Certifications

- **Inheritance and Data Structures in Java** — *University of Pennsylvania, Coursera*
- **Exploratory Data Analysis for Machine Learning** — *Coursera*

Achievements

- **Top 50 finalist** in the Odoo X IITG Amalthea Hackathon. Developed a healthcare website featuring admin, doctor, and patient management, emergency alerts, and a sentiment-analyzing RAG chatbot.
- Achieved a **LeetCode max rating of 1479** and earned **multiple badges** by solving problems in Data Structures and Algorithms during competitive programming contests.