

KUNJ DETROJA

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Profile

- Innovative and result-driven **IT Engineer** with proven experience in developing **full-stack applications** across **fintech, HRMS, and AI domains**
- Proficient in **Python, MERN, SQL, FastAPI, and Django**
- Skilled in **secure authentication, real-time features, and performance optimization**
- Experienced in translating **Figma prototypes** into **responsive frontends** using **React and Tailwind**
- Passionate about leveraging **AI/LLMs and automation** to build **impactful, future-ready applications**

Experience

MERN Stack Developer | Feb, 2025 - Present

The Bilions, Remote ↗

- **Developed** scalable web applications across fintech, HRMS, and AI domains with secure authentication, role-based dashboards, and dynamic workflows.
- **Implemented** real-time features including notifications, chat, and live updates using Socket.IO for improved user engagement.
- **Optimized** backend queries, automated data collection, and integrated AI-powered proposal generation to enhance performance and efficiency.
- **Redesigned** user interfaces with Figma prototypes, Tailwind, and MUI to deliver intuitive and user-friendly experiences.

Backend Developer Associate | Jul, 2023 - Oct, 2023

Trakky Techno Services Pvt Ltd, Ahmedabad, IN ↗

- **Designed** and maintained Django backend, crafting URLs, ViewSets, serializers, and models.
- **Expertise** in SQLite database management for seamless data operations, ensuring application efficiency.

Projects

Getways

[MERN, Stripe]

- **Developed** a fintech platform enabling **digital wallet management, gift card redemption, and multi-role access** (Player, Agent, Master Agent, Admin).
- **Implemented** secure **authentication and form validations** across frontend and backend to strengthen data integrity and prevent invalid transactions.
- **Optimized** backend queries and aggregation pipelines, significantly **reducing response time** and improving system performance.
- **Redesigned** the entire **Player and Admin UI** from scratch using **Figma prototypes**, enhancing usability and user experience.
- **Built a Reports module** with transaction analytics and visual graphs using **Chart.js**, empowering admins with real-time insights.
- **Integrated a custom chatbot** to assist users with recharges, wallet history, and FAQs, reducing dependency on manual support.

HRMS

[MERN]

- **Implemented** core modules: Authentication, Employee Management, Attendance, Payroll, Recruitment, Performance, Notifications
- **Developed dynamic Leave Management System** integrated with **Holiday** and **Working Weekend** modules; automatically updates existing leaves when holidays/working weekends are added or modified
- **Engineered** role-based dashboards with tailored user experiences
- **Integrated** real-time notifications using **Socket.IO**
- **Designed** and **visualized** dynamic Organization Chart using **React Flow**

Winbid AI

[MERN, AI/LLMs, Puppeteer]

- **Researched** and integrated **RFP platforms (OpenGov, DemandStar, SAM.gov, Bonfire)** to automate data collection using APIs and Puppeteer.
- **Designed** and developed **RFP Discovery, Dashboard and Proposal Builder** to streamline workflows.
- **Built AI-powered proposal generation system** that **cut manual effort by 60%** using OpenAI, Gemini, and open-source LLMs (Llama, DeepSeek) with section-wise regeneration and improvement.
- **Automated document processing and formatting** (attachments, scope of work, logos, dynamic TOC) to generate professional DOCX proposals.
- **Deployed** application with **real-time progress tracking, cron jobs for RFP updates, and role-based access control**.

Education

B.E. Information Technology | Nov 2021 – Jun 2025

LJ University, Ahmedabad, IN

CGPA: **8.76**

Skills

Frontend — React.js, Redux, RTK Query, Tailwind CSS, Shadcn, Bootstrap 5, React Admin

Backend — Node.js, Express.js, FastAPI, Django, Flask, Parse Server, Socket.IO

Programming Languages — JavaScript, Python, C, J2SE, HTML, CSS

Databases — MongoDB, MySQL, PostgreSQL, SQLite

Tools & Others — Git/GitHub, REST APIs, Stripe, Chart.js, Puppeteer, Real-time Notifications, Cron Jobs