

Kavya Rathod

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Experience

Nani's Bilona Ghee

Backend Engineer

Nov 2024 - Jan 2025

- **Launched the company's first-ever automated ordering system** via **WhatsApp Business API** bot, increasing order volume by **30%** within the first month, significantly enhancing operational efficiency.
- Streamlined secure payments with **Razorpay**, reducing transaction issues by **40%** and boosting customer trust, resulting in a **30% increase in successful transactions** and improved user experience.
- **Transformed Customer Engagement** by integrating a smart chatbot, reducing response time by **40%**, and improving overall interaction quality, contributing to a **25% increase in repeat customers**.

Education

Indian Institute of Information Technology

Gwalior, Madhya Pradesh

Integrated B.Tech and MBA in Information Technology; CGPA: 8.26

Aug 2023 – Expected May 2028

Relevant Courses: Data Structures and Algorithms, Database Management Systems, Operating Systems.

Computer Networks, Object Oriented Programming.

Technical Skills

Languages and Framework: C++/C, SQL, SSH, Django, Python, NodeJS, ReactJS, ExpressJS, NextJS, JavaScript, Tailwind.

Developer Tools: LangChain, BullMQ, Git, GitHub, Whatsapp Business API, Overleaf, Clerk.

DataBase: Redis, QdrantDB, MySQL, MongoDB

Projects

AI RAGBot | LangChain, OpenAI, HuggingFace, Redis, Qdrant, BullMQ, Clerk, Next.js. May-June 2025

- **Exceeded** ChatGPT's file and context limits by enabling **unlimited PDF** uploads, chunking large files into **10K+** vector embeddings, and storing them in **Qdrant Cloud** for persistent, high-precision retrieval.
- **Implemented** a RAG-based AI chatbot for querying PDFs, leveraging **LangChain** for prompt logic and **Redis** for intelligent caching—reducing redundant fetches and enabling **sub-200ms** response times.
- **Crafted** a secure, chat interface with **Next.js** and **Clerk** for seamless user onboarding, orchestrated **OpenAI** and **HuggingFace** models with fallback logic to ensure **99.9% response reliability**.

Twaran - INTER IIIT | React.js, REST-APIs, Framer Motion

Dec-Jan 2025

- **Integrated the API and registration process seamlessly**, enabling smooth user authentication and data handling while ensuring full adaptive across all devices and pixel sizes.
- **Developed and optimized interactive pixel-perfect** visually appealing frontend designs, creating pages such as Location (with API integration), Contact Us, Sponsor Us, Brochure, and Payment Details.
- **Collaborated with a team of five** to develop a **scalable and user-friendly interface** for the Inter-IIIT fest website, ensuring smooth **accessibility** for **25 IIITs** and **2000+ registrations**.

Achievement

- **ATF Scholar Stage-2 Qualified**, secured top 50 among 20,000+ in AlgoUniversity scholarship.
- **Flipkart Grid 6.0** Robotics challenge Stage-1 Qualifier, competing against over 20,000 participants.

Positions of Responsibility

- **Executive** of the Entrepreneurship Club and **event coordinator** of SAC Sports at IIIT Gwalior.
- **Event Coordinator** of the Design Core Team at Aurora'24, IIIT Gwalior, leading creative initiatives.