KISAN KUMAR JENA

Full Stack Software Developer

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PROFILE

Passionate Full-Stack Developer with hands-on experience in building scalable, user-focused web applications. Skilled in both front-end and back-end technologies with strong problem-solving and collaboration abilities. Experienced in developing AI-integrated and cloud-deployed solutions.

EDUCATION

A. P. Shah Institute of Technology (University of Mumbai), Thane   **2022 – Present**

Bachelor of Engineering in Computer Science and Engineering (Data Science)

– Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Artificial Intelligence, Machine Learning, Deep Learning, Operating Systems, Computer Networks, Cloud Computing, Big Data Analytics, Software Engineering.

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, Java, SQL, C

Frameworks & Tools: React.js, Next.js, FastAPI, Flask, Node.js, Express.js, Redux, Tailwind CSS

AI/ML: LangChain, LLM Orchestration, Vector Databases, Scikit-learn, OpenCV, NLP Pipelines

Infrastructure: AWS, Docker, Kubernetes, REST APIs, WebSockets, WebRTC, Socket.io

Databases: MongoDB, MySQL, PostgreSQL

Developer Tools: Git, GitHub, Postman, Cloudinary, Stripe, Razorpay, Streamlit

Practices: Scalable Architecture, API Integration, Clean Code, Version Control, CI/CD

MAJOR PROJECTS

Eat-fit AI – Nutrition Assistant Platform | *github.com/Kisan-jena/EatFit.ai*   **Jan 2025 – Apr 2025**

– Developed an AI-powered web app for food analysis using barcode and label scanning to promote healthy eating.

– Integrated ML models for nutrient estimation, allergen detection, and personalized diet recommendations.

– **Tech Stack:** Flask, FastAPI, MySQL, Tesseract OCR, OpenCV, Scikit-learn, LangChain, Bootstrap.

Forever – Full-Featured E-Commerce Platform | *github.com/Kisan-jena/ForeverClothing*   **Feb 2025 – Apr 2025**

– Built a scalable e-commerce web app with authentication, admin dashboard, and secure payments.

– Implemented REST APIs, optimized backend performance, and deployed using Docker on AWS.

– **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Stripe, Razorpay, Cloudinary, Docker, AWS.

YT Analyzer – AI-Powered YouTube Channel Insights | *github.com/Kisan-jena/YT-ANALYZER*   **Oct 2024 – Dec 2024**

– Developed analytics tool providing NLP-based video content insights, title optimization, and sentiment analysis.

– Integrated LLM-based content generation and vector search for semantic video recommendations.

– **Tech Stack:** Python, FastAPI, LangChain, Hugging Face (T5), MySQL, Beautiful Soup, YouTube API.

MINI PROJECTS

Movie Recommendations (Completed) — Built a semantic search-based movie recommender using Hugging Face Sentence Transformers and MongoDB Atlas Vector Search. [GitHub]

TapChat — Developed a real-time chat application using the MERN stack and WebSockets. [GitHub]

ACHIEVEMENTS & CERTIFICATIONS

– **Head of Web Development – Data Analytics Club:** Led a team to design, build, and maintain web projects.

– AWS Academy Graduate – Cloud Foundations – Mar 2025

– Machine Learning – Simplilearn – Apr 2025

– Data Visualization – Simplilearn – May 2025

– MySQL for Beginners – Great Learning – Apr 2024