Ganesh Kishore S

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Professional Summary

Software Developer skilled in React, Django REST Framework, and MySQL, with hands-on experience integrating AI models (CLIP, FAISS, and LLMs) for intelligent web applications. Strong in DSA, system design, and ML integration, focused on delivering scalable, production- ready solutions.

Skills

Languages: Python, JavaScript
Frontend & Backend: React.js, Tailwind CSS, HTML5, CSS3, Django, DRF, REST APIs
Database, Cloud & DevOps: MySQL, Cloudinary, JWT, Cashfree Payment Gateway, Git,GitHub, Postman
AI & Core Concepts: CLIP, FAISS, LLM Integration, Data Structures, Algorithms, OOP, System Design, SDLC, Agile

Experience

Software Developer Intern
ACSASS IT|ITES – Sep 2025 to Oct 2025

- Developed a full-stack e-commerce platform using React and Django REST Framework, implementing RESTful CRUD APIs, two-factor authentication, and secure payment gateway integration.
- Optimized backend queries and database schema design to improve API response time and ensure modular, maintainable code architecture.

Full Stack Developer Intern
Vcodez – Jan 2025 to May 2025

- Improved 100% responsive UI components with React.js and implemented backend features using Django and Node.js, resulting in measurable improvements in performance and user engagement.
- Enhanced and maintained full-stack applications, ensuring clean, maintainable code for improved project scalability and team collaboration.

Education

JERUSALEM COLLEGE OF ENGINEERING

BE - Electronics and Communication Engineering 08/2021 – 06/2025

Projects

Fluxo – AI-Powered E-commerce Clothing Platform
Live: https://Fluxo.com
Tech Stack: React, Tailwind CSS, Django REST Framework, MySQL, JWT, Cloudinary, FAISS, CLIP, LLM, Cashfree

- Built and deployed a full-stack e-commerce platform with JWT authentication and secure checkout using Cashfree.
- Integrated Cloudinary for optimized image upload, storage, and **CDN** delivery.
- Implemented AI-powered image search and recommendation engine using **CLIP** embeddings and **FAISS** similarity search.
- Developed smart autocomplete and conversational shopping assistant using **LLM** integration.

Smart Waste Segregation System
Tech Stack: React, Django, MySQL, Machine Learning (Gradient Boosting Classifier)

- Developed a full-stack web application integrating a custom-trained Gradient Boosting model for automated waste classification with REST API-based prediction endpoints.
- Implemented role-based dashboards, prediction history tracking, real-time logging, and feedback modules with optimized database design.