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EDUCATION

CMR College of Engineering & Technology

Bachelor of Technology in AI & ML - CGPA: 8.8

Kandlakoya, Telangana

Nov. 2022 – Jul 2026

EXPERIENCE

Zoetis Tech & Digital (ZICC)

PowerBI Developer Intern

Hyderabad, India

Jan 2026 – Jun 2026

- Developed interactive **Power BI** dashboards and reports utilizing complex **DAX** formulations and **Excel** to deliver actionable insights, reducing reporting latency by **15%**.
- Collaborated with **GenAI** and **Fullstack** teams to understand organizational development workflows.

PROJECTS

trag – Two-Stage RAG Pipeline | *Python, Qdrant, FastEmbed, Docker, OpenRouter*

- Engineered a modular RAG pipeline featuring a **Two-Stage retrieval** process combining semantic vector search with a neural **Cross-Encoder reranker** to optimize context precision.
- Built an automated incremental ingestion pipeline with local file caching and Qdrant scroll checks; containerized using **Docker** and **uv** to guarantee secure, isolated environments.

cowise – Collaborative Whiteboard | *Next.js, FastAPI, WebSockets, MongoDB, Firebase*

- Engineered live drawing synchronization using **WebSockets** and **FastAPI**, achieving sub-**100ms** collaboration latency for multi-user sessions.
- Built a responsive **Next.js** frontend with **Firebase** chat and **MongoDB** storage, supporting simultaneous drawing/text operations for up to **15+** concurrent users.

megidoc – Get git documented | *Next.js, TailwindCSS, Gemini AI, GitHub API*

- Built an AI platform to instantly generate technical docs and compile the entire repository codebase context for **AI agents**, reducing manual documentation time by **80%**.
- Integrated OpenRouter models via **Next.js API routes** to stream real-time markdown documentation with an intuitive **Radix UI** design, serving documentation generation in under **15 seconds**.

SCFFL – Smart City Fresh Food Logistics | *Python, LSTM, Hybrid IQPSO-SA, Next.js*

- Tackled food waste by building an intelligent delivery routing platform, integrating **LSTM** networks for traffic prediction and a Hybrid **IQPSO-SA** optimization algorithm.
- Minimized distribution costs by **7.96%** and boosted customer satisfaction to **9.00/10**, published in a Research Paper with verified field results.

TECHNICAL SKILLS

Data Analytics & Engineering: Azure Data Engineering, ETL, Power BI, Databricks, PySpark

Coursework: OS, DBMS, Machine Learning and AI, Data Structures & Algorithms

Languages: Java, Python, C/C++, JavaScript & TypeScript, SQL, HTML, CSS

Libraries/Frameworks: React.js, Next.js, FastAPI, Node.js, Express.js, Tailwind CSS, Django, Redis, FastEmbed

Developer Tools/Platforms: Git, Docker, HuggingFace, Firebase, VS Code, n8n, Ollama, uv

Databases: MongoDB, MySQL, PostgreSQL, Qdrant, Supabase, Firebase

Others: GenAI, LLMs, RAG, Reranking, Prompt Engineering, Open-Source, Philosophical Planning

ACHIEVEMENTS

National Finalist: Secured **13th** place in aidKriya walker app challenge 2025 among **1000+** participants across India as a solo participant.

Oracle Certified Professional: OCI Certified 2025 Gen AI Professional.

Cisco: Certified in Fundamentals of Cybersecurity Student Level Credential.

Mentorship: Mentored more than **5+** student teams to successfully deliver end-to-end academic/hackathon projects.