PRANEETH E

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CAREER OBJECTIVE

Third-year B.Tech AI & Data Science student with hands-on experience in computer vision (YOLOv8, MediaPipe, OpenCV), applied machine learning and LLM systems, plus two internships and a live production product. Seeking an AI/ML internship to build and deploy vision and data-driven systems on real-world automotive and manufacturing problems.

ACADEMIC BACKGROUND

Karunya Institute of Technology and Science — **Coimbatore ,Tamil Nadu , India**
B.Tech in Artificial Intelligence & Data Science, ***CGPA - 7.22** — Sep 2024 – May 2028

KEY TECHNICAL PROJECTS

Super Solar Fence — Business Website — **Live**

- Designed and shipped a full production website for a Coimbatore-based solar fencing company, delivering responsive marketing pages, product/service catalogues, and WhatsApp-integrated lead contact.

Hybrid RAG Platform

- Built a hybrid retrieval system (BM25 + dense retrieval via BAAI/bge embeddings on Qdrant) with reciprocal rank fusion, served through OpenRouter and evaluated with RAGAS .
- Shipped CI/CD via Docker and GitHub Actions across all 6 phases .

AI WhatsApp Order Automation

- Architected end-to-end AI automation pipelines using n8n, integrating WhatsApp Cloud API with AI agents to handle order intake for Tamil Nadu SMBs.
- Automated order confirmation, logging to Google Sheets, and payment links via Razorpay — reducing manual intervention by ~80% per workflow.

EXPERIENCE

FRONTEND DEVELOPMENT Intern – Gateway Software Solutions Private Limited — **Coimbatore, Tamil Nadu**
Real Time Collaborative Notes App — May 2025 – July 2025
Built a real-time collaborative notes application using Socket.io, enabling simultaneous multi-user editing with live sync across sessions. Implemented version history , JWT-based authentication, and shareable note links — deployed and tested in a production environment.

DATA ANALYTICS Intern – Codec Technologies Pvt. Ltd. — **Coimbatore, Tamil Nadu**
Sales Performance Dashboard — May 2026 – June 2026
Developed an interactive sales performance dashboard by performing data cleaning, transformation, and exploratory data analysis using Python (Pandas, NumPy, Matplotlib) and SQL. Built KPI visualizations for revenue, profit, sales trends, regional performance, and product insights using Power BI, enabling data-driven business decisions through dynamic dashboards and automated reporting.

TECHNICAL LEAD — TruBill GST Billing Software (trubill.in) — **Coimbatore, Tamil Nadu**
Led the development of a GST-compliant, WhatsApp-native invoicing platform — July 2026 – Present
for small retail businesses, overseeing architecture, feature delivery, and deployment across development phases.

TECHNICAL LEAD – Computer Vision | IEEE Computer Society — **DSCS, KITS**
Lead the chapter's computer vision track: scope projects, — Sep 2026 – Present
assign work and review code for members building Computer Vision projects .

TECHNICAL AND RESEARCH COORDINATOR | **IEEE TEMS** — **Student Chapter, KITS**
Responsible for the technical and research activities of the chapter, — Oct 2026 – Present
including planning technical sessions and project work with the office bearers and the faculty coordinator.

CORE TECHNICAL STACK

AI / ML — scikit-learn, XGBoost, SHAP, LangGraph, LangChain, RAG(Qdrant,RAGAS), Pandas, NumPy
Computer Vision — OpenCV **,** YOLOv8(Ultralytics) , MediaPipe , PnP pose estimation
Languages — Python, TypeScript/JavaScript, SQL
Frameworks — Next.js, FastAPI, React.js, Streamlit, Node.js/Express ,Power Bi
Data/Infra — Supabase/PostgreSQL, Qdrant, MongoDB, Docker, Redis, GitHub Actions

ACHIEVEMENTS

Professional Delivery

- Delivered 5+ Client web applications as a student , demonstrating professional reliability ahead of peers.

Technical Development

- Built an offline, CPU-only computer vision system (YOLOv8n, MediaPipe Hands, state machine) that recognises hand-activity sequences and flags skipped steps, raising CPU throughput from ~9.5 to ~18 FPS.