

NAMAN KUNDAN

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Education

Vellore Institute of Technology

Bachelor of Technology in Computer Science and Engineering

CGPA: 7.96/10

October 2022 - June 2026

Profile Summary

Product-oriented Computer Science student with experience leading data-driven and AI-enabled platform initiatives from concept to delivery. Skilled in defining KPIs, prioritizing features, managing cross-functional collaboration, and driving iterative execution using Agile methodologies. Demonstrated ability to translate ambiguous problems into structured solutions with measurable business impact.

Core Competencies

Product Thinking | Structured Problem Solving | Stakeholder Management | Data-Driven Decision Making | Prioritization | Agile & Waterfall Methodologies | Execution Ownership

Technical Skills

Languages: Python, Java, SQL

AI & APIs: LLM APIs, LangChain, LangGraph, REST APIs

Tools: Excel, PowerBI, Git, MySQL, MongoDB

Projects

IntelliNest (Home Automation System) — Project Manager & Technical Contributor

ESP32, Firebase, IoT Sensors

January 2024 - July 2024

- Led a cross-functional team to deliver an IoT-based smart home solution; defined milestones and managed sprint-based execution.
- Translated user requirements into prioritized features, balancing safety, usability, and delivery timelines.
- Coordinated hardware-to-cloud integration (ESP32 to Firebase) enabling reliable real-time monitoring and alerts.
- Launched control interface reducing manual effort by **70%** and improved safety response by **80%+**.

Flight Status Analysis – Operational Performance Dashboard — Project Lead

Power BI, Data Modeling, KPI Design, ETL

- Led the end-to-end development of a flight performance dashboard to monitor on-time rate, average delays, cancellations, and delay categories across airlines and airports.
- Defined key business metrics and translated operational requirements into structured data models and interactive reporting workflows.
- Prioritized visualizations and drill-down capabilities (airline, airport, time trends) to support data-driven decision making.
- Managed iterative delivery cycles, incorporating stakeholder feedback to improve dashboard clarity, usability, and insight generation.

AutoDev AI (Multi-Agent Autonomous Code Generation System) — Product Lead

Python, LangGraph, LangChain, Groq API

May 2025 - June 2025

- Led end-to-end product development of an autonomous code-generation platform, reducing developer setup time by **90%**.
- Defined and prioritized a structured multi-stage workflow (Planner, Architect, Coder), establishing success metrics that achieved a **90%** multi-file generation success rate.
- Managed iterative sprints and cross-functional coordination to improve system reliability, reducing debugging and iteration time by **40%**.

Achievements

- **Event Management Co-Lead, Google Developer Student Club VIT Bhopal** Led planning and execution of large-scale technical events and workshops; managed cross-functional teams, stakeholder communication, budgeting, and milestone tracking to ensure on-time delivery and high participant engagement. 2023
- **Hacksagon Finalist**, Deployed a novel energy-saving algorithm within the home automation system, reducing energy consumption by **15%** compared to conventional home automation setups. 2025
- **National Science Day Winner**, secured 1st Place by leading an IoT-based automation project, demonstrating innovative design, technical implementation, and prototyping expertise. 2024
- **Smart India Hackathon Finalist**, twice shortlisted for the national level for designing scalable and innovative tech solutions. 2024

Courses

AWS Solutions Architect Associate – Ethnus	2024
Computer Networking – Coursera	2023
Salesforce Developer Certification – Ethnus	2023