

Kancharlapalli Eshwar Krishna

Andhra Pradesh, India | eswarlazypanda@gmail.com | +91 9032611376 | [LinkedIn](#) | [GitHub](#) | [LeetCode](#)

Education

- KL University** **Vaddeswaram, Andhra Pradesh**
Bachelor of Technology in Computer Science Engineering (Expected 2027) *Jun 2024 – Present*
Coursework: Data Structures & Algorithms, Object-Oriented Programming (Java), DBMS, Operating Systems, Scalable System Design.
- AANM & VVRSR Polytechnic** **Gudlavalleru, India**
Diploma in Computer Management Engineering (93%) *Aug 2021 – Jun 2024*

Technical Skills

- Core & Languages:** Data Structures & Algorithms (DSA), Object-Oriented Design (OOD), Java, C/C++, Python, SQL
- Cloud & Architecture:** AWS (EC2, S3), Distributed Systems, Microservices, RESTful APIs, Docker, CI/CD, System Design
- Artificial Intelligence:** Agentic AI, Multi-Agent Systems, LLMs (Qwen2.5, GPT-4o), Prompt Engineering, RAG
- Web & Databases:** React.js, Node.js, FastAPI, MySQL, MongoDB, Cosmos DB, Database Normalization

Experience

- Calibo AI Academy** **Vijayawada, Andhra Pradesh**
AI Trainee *Dec 2025 – Present*
 - Scalable System Engineering:** Architected and deployed full-lifecycle Generative AI applications, optimizing backend data workflows and integrating distributed multi-agent architectures for high performance.
 - Technical Ownership:** Translated ambiguous business requirements into robust, scalable software solutions utilizing advanced machine learning fundamentals and clean, maintainable code practices.
- Bharat Sanchar Nigam Limited (BSNL)** **Vijayawada, Andhra Pradesh**
Network Technician Intern *Dec 2023 – May 2024*
 - Infrastructure & Reliability:** Troubleshoot critical server bottlenecks and automated configuration fixes, ensuring high availability and achieving a 95% incident resolution rate to improve overall system resilience.

Projects

- iPlay (Scalable Media Streaming)** | *Node.js, React, MongoDB, Socket.io, Docker* [Repo Link](#)
Designed a highly scalable, real-time media streaming platform supporting concurrent connections. Optimized low-latency asynchronous data flow and utilized Docker for consistent, fault-tolerant deployments.
- Napkin AI (Agentic Presentation Builder)** | *React, FastAPI, Qwen2.5-7B, Dual-MCP* [Repo Link](#)
Engineered an autonomous presentation generation system using Dual Model Context Protocol (MCP). Built optimized, secure RESTful APIs with FastAPI to interface cleanly with LLMs and external data sources.
- Gram Vaani (Voice-First AI)** | *Python, React, FastAPI, Azure* [Repo Link](#)
Architected a cloud-native AI assistant for rural India. Optimized asynchronous API integration with Azure services (GPT-4o), achieving sub-second response times, system resilience, and ~92% recommendation accuracy.
- ClauseNaut (Intelligent Document RAG)** | *Python, Gemini API, LangChain* [Repo Link](#)
Developed a high-performance Retrieval-Augmented Generation (RAG) system with optimized algorithms to parse complex, unstructured data into structured JSON formats, significantly reducing manual processing time.

Certifications

- AWS Certified: Cloud Practitioner:** Validated baseline knowledge of cloud technologies, security, and enterprise architecture.
- Microsoft Certified: Azure Fundamentals (AZ-900):** Demonstrated understanding of scalable cloud deployment and application resiliency.

Honors and Achievements

- Hackathons:** 1st Prize @ URCET yoUR Fest (Database Design), 3rd Prize @ PolyVeda Hackathon (Agile Dev)
- Recognitions:** State-Level Qualifier (OpenAI Academy X NxtWave Buildathon), National Finalist (Technical Research)