

# Shunmukesh Kanchi

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LinkedIn: [linkedin.com/in/shunmukesh04](https://linkedin.com/in/shunmukesh04) GitHub: [github.com/shunmukesh04](https://github.com/shunmukesh04) Portfolio

## EDUCATION

**Mohan Babu University**, Tirupati  
B.Tech in Computer Science and Engineering  
CGPA: 9.63 / 10 (till 6th semester)

2022 – 2026

**Educare Junior College (BIEAP Board)**, Nagaram  
Senior Secondary – Percentage: 95.9%

2020 – 2022

## TECHNICAL SKILLS

- **Programming Languages:** Java, Python, C++, C, SQL, Node.js
- **Core CS & Fundamentals:** Data Structures & Algorithms (400+ problems), Object-Oriented Programming (OOP), Operating Systems, Computer Networks, Database Management Systems, Complexity Analysis
- **Software Development:** Agile SDLC, Version Control (Git/GitHub), REST APIs, Scalability, Distributed Systems
- **Frameworks & Tools:** Eclipse, Visual Studio Code, Google Colab, Streamlit
- **Cloud & Databases:** AWS, Google Cloud (Associate Certified), MySQL, MongoDB

## PROJECTS

### AI Code Editor – GitHub

- Built an **AI-driven IDE** supporting Java, Python, and C++ with **real-time debugging, intelligent code suggestions, and OOP-based linting**.
- Applied **OCR-based extraction** for handwritten/scanned code and integrated with **Groq LLMs** for optimization.
- *Tech Stack: Python, Streamlit, Groq API, OCR, Git*

### Mental Health Chatbot – GitHub

- Designed a **RAG-based conversational system** with **LLM-powered NLP** for context-aware responses.
- Engineered scalable **document ingestion pipeline** for multi-format knowledge integration.
- *Tech Stack: Python, LangChain, ChromaDB, Groq API, Streamlit*

### Restaurant Reservation System – GitHub

- Built and deployed a **full-stack reservation web app** with menu browsing, table bookings, and event management.
- Implemented **user authentication (login & signup)** and stored reservation data securely in **MongoDB**.
- Designed and consumed **RESTful APIs** for user management and reservation workflows.
- *Tech Stack: Node.js, JavaScript, HTML, CSS, MongoDB, REST API*

## INTERNSHIPS

### Web Developer Intern, Pinnacle Labs

Jan 2025 – Feb 2025

- Delivered responsive, scalable web apps, reducing load times by **20%** and boosting usability by **15%**.
- Applied **object-oriented design principles** and modular coding practices in JavaScript/Node.js.
- Followed **Agile methodologies**, collaborated in sprints, and used **Git** for version control.

### Google Cloud Generative AI Virtual Intern, Eduskills

Oct 2024 – Dec 2024

- Built AI prototypes using **Vertex AI, BigQuery, and GenAI APIs**, applying **ML workflows and cloud deployment**.
- Gained hands-on experience in **prompt engineering, foundation models, and fine-tuning**.
- Strengthened skills in **distributed systems, cloud computing, and scalable AI applications**.

## CERTIFICATIONS

- Google Cloud **Associate Cloud Engineer** – Credly Verified Badge

## LEADERSHIP & ACHIEVEMENTS

- **Web Master**, ACM MBU Tirupati (2024 – 2025) – Led technical operations and collaborated with cross-functional teams, boosting event participation by **30%**.
- **Student Coordinator**, GDSC MBU (2023 – 2024) – Conducted workshops on **Cloud, AI, DSA**, mentoring **100+** peers and enhancing technical communication skills.
- **Winner**, Tech Tonic Hackathon – Gyanith '25, NIT Puducherry – **1st place among 50+ teams** for scalable AI solution, demonstrating problem-solving and teamwork.
- **Naukri Campus Ambassador** – Drove **300+ job referrals**, winning rewards worth INR 20,000 through strategic outreach and peer communication.
- Solved **400+ coding problems** on LeetCode, CodeChef, and Coding Ninjas, proving strong algorithmic expertise and persistence.