

Kumbham Ajay Goud

Roll No.: 22881A0531

🌐 <https://github.com/AjayKumbham>

📞 +91-9391942662

✉ ajaygoud.kumbham@gmail.com

🌐 Kumbham Ajay Goud

CAREER OBJECTIVE

To contribute to a leading technology-driven organization by building scalable, intelligent solutions through full-stack development, AI automation, and data analysis. I aim to leverage my problem-solving mindset and technical adaptability to deliver impactful results while continuously learning in a collaborative, innovation-driven environment.

EDUCATION

•B.Tech in Computer Science and Engineering

2022-26

Vardhaman College of Engineering, Hyderabad, JNTUH

CGPA: 9.71/10

•Intermediate (MPC)

2020-22

SR Junior College, Hyderabad, TGBIE

Percentage: 98.4

•SSC (Class 10)

2020

SR digi School, Hyderabad, BSE Telangana

CGPA: 10/10

PROJECTS

•Social Media Automation Platform

React, Tailwind CSS, Supabase (PostgreSQL, Edge Functions, Auth), LLMs, Python

- Developed an AI-powered automation platform for generating, scheduling, and publishing content across X, LinkedIn, Instagram, YouTube, Reddit, Hashnode, and Dev.to with multi-LLM support and fallback handling.
- Built a media generation pipeline using LLMs, Pexels API, and TTS with synchronized captions; implemented Supabase Auth with RLS, analytics dashboard, AI-driven prompting and scheduling for intelligent decision-making.

•Grant Chain

React, Tailwind CSS, Solidity, Hardhat, Supabase, IPFS, Web3.Storage, Ethereum

- Developed a fully decentralized grant management platform with milestone-based fund release and transparent operations via Ethereum smart contracts and IPFS/Web3.Storage-backed metadata.
- Implemented DAO governance with on-chain voting for milestone approvals and fund disbursements; built a modular system using WalletConnect, Wagmi, and Supabase for secure multi-wallet auth and role-based access.

•Member Profile Setup – Enterprise Case Study

Spring Boot, Spring Security, JWT, MySQL, REST APIs

- Built a secure member onboarding system for a health services company with deep-link email/SMS outreach, OTP-based login, and comprehensive workflows for managing profile, contact, payment, and health data.
- Engineered an enterprise-grade, scalable backend with 29 REST APIs supporting CRUD operations; implemented JWT auth, Jakarta validation, and async processing to ensure fault tolerance, performance, and data integrity.

INTERNSHIPS AND CASE STUDIES

•Evernorth Health Services – Case Study

Role: Backend Developer, Location: Vardhaman Innovation Lab

Nov 2024 – Feb 2025

- Streamlined secure member onboarding and profile management, including contact, payment, and health data.
- Built a medication ordering system with search, price comparison, and delivery tracking, powered by real-time Kafka event streams and Docker-based CI/CD deployment using Jenkins.

•National Institute of Electronics and Information Technology (NIELIT) – Virtual Internship

Role: AI/ML Intern, Location: Virtual

Aug 2024 – Oct 2024

- Completed an 8-week internship covering core AI/ML concepts, algorithms through hands-on projects built using Python libraries (NumPy, pandas, scikit-learn, and matplotlib)
- Built ML models for prediction and analysis, applying training and evaluation techniques to real-world datasets.

KEY SKILLS

Programming Languages: Java (primary), Python, JavaScript

Web Technologies: HTML5, CSS3, JavaScript (ES6+), Node.js

Libraries & Frameworks: React.js, Spring Boot, FastAPI, scikit-learn, TensorFlow, Seaborn, Matplotlib

Databases: MySQL, MongoDB, Supabase

Development Tools: Git, GitHub, Docker, VS Code, Postman, n8n

Relevant Coursework: Data Structures & Algorithms, Operating Systems, OOP, DBMS, Software Engineering

SOFT SKILLS

Communication, Problem-Solving, Teamwork, Adaptability, Self-Learning

CERTIFICATIONS

- **Career Essentials in Data Analysis**, Microsoft & LinkedIn — Jul 2025.
- **Software Engineering Job Simulation**, JPMorgan Chase & Co. (via Forage) — Jun 2025.
- **GenAI Powered Data Analytics Job Simulation**, Tata (via Forage) — Jun 2025.
- **Artificial Intelligence Fundamentals**, IBM SkillsBuild — Jun 2025.
- **Back End Development and APIs**, freeCodeCamp — Jun 2025.
- **Frontend Developer (React)**, HackerRank — Jun 2025.
- **Python Essentials 1**, Cisco Networking Academy & OpenEDG Python Institute — Jun 2025.

AWARDS & ACHIEVEMENTS

- **Top 1% All India, NPTEL – Programming in Java (IIT Kharagpur)** — Apr 2024
Elite + Topper distinction among 14,000+ certified candidates.
- **Top 1% All India, NPTEL – Cloud Computing and Distributed Systems (IIT Kanpur)** — Mar 2025
Gold + Topper distinction, highest honor awarded by NPTEL.
- **GATE 2025 — AIR 6600, CSE (IIT Roorkee)** — Feb 2025
Ranked among 1.7 lakh+ candidates in one of India's most competitive exams.
- **Academic Excellence Award, Vardhaman College of Engineering**
Ranked in the **Top 2** of the B.Tech CSE department for outstanding academic performance.