Kumbham Ajay Goud

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CAREER OBJECTIVE

To contribute to a leading technology-driven organization by building scalable, intelligent solutions through full-stack development, AI and automation engineering, 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-focused environment.

EDUCATION

•B.Tech in Computer Science and Engineering *2022-26*
Vardhaman College of Engineering, Hyderabad, JNTUH CGPA: 9.63/10

•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.

•Healthcare Member Onboarding & Profile Management – Enterprise Backend
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.

•Personal Portfolio Website
React, TypeScript, Tailwind CSS, Vite
- Designed and developed a fully responsive personal portfolio showcasing skills, projects, achievements, experience, and more with a modern UI/UX, smooth animations, and a well-structured multi-section layout.
- Implemented a modular component architecture with dynamic content loading, persistent theme toggle, SEO and accessibility compliance, real-time contact form delivery, and optimized deployment for static hosting.

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.
- **2× Finalist – National Level VJ Hackathon (VNR VJIET)**
  Recognized twice with Certificates of Appreciation for presenting innovative and impactful ideas.