

Kumbham Ajay Goud

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<https://portfolio-ajaykumbham.vercel.app>

CAREER OBJECTIVE

Results-driven Computer Science graduate with strong foundation in full-stack development and problem-solving. Seeking entry-level software engineering position to leverage technical skills in Python, Java, and cloud technologies while contributing to innovative projects and team success.

EDUCATION

Bachelor of Technology (Computer Science and Engineering)

Vardhaman College of Engineering (Affiliated to JNTU Hyderabad)

2022 – 2026

CGPA: 9.63 / 10

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, SQL

Web Technologies: HTML5, CSS3, React, Node.js, Express.js, Spring Boot, RESTful APIs

Databases: MongoDB, PostgreSQL, Redis

Cloud & DevOps: AWS (EC2, S3, Lambda), Docker, Git, GitHub Actions, CI/CD

Tools & Platforms: Git, GitHub, Linux, VS Code, Postman, Jupyter Notebook

PROJECTS

E-Commerce Web Application

- Developed full-stack e-commerce platform using React.js, Spring Boot, and MongoDB supporting 500+ concurrent users
- Implemented secure authentication using JWT and bcrypt, reducing unauthorized access by 95%

Real-Time Chat Application

- Built real-time messaging application using Socket.io, Express.js, and React supporting over 200+ simultaneous connections
- Designed scalable architecture using Redis for session management, reducing session lookup latency by up to 40%

EXPERIENCE

AI/ML Intern

Aug 2024 – Oct 2024

National Institute of Electronics and Information Technology (NIELIT)

Remote

- Developed and optimized data processing workflows in Python to handle datasets of 5,000–50,000 records, improving processing efficiency and system reliability
- Analyzed system performance using 10+ structured visualizations to identify bottlenecks, reduce error rates, and support data-driven improvements
- Implemented validation and evaluation pipelines that improved model accuracy to 80%+

OPEN SOURCE CONTRIBUTIONS

Contributed code fixes, feature enhancements, and documentation improvements to GitHub projects including Deno, OpenAI Agents, and Gemini CLI through merged pull requests and issue tracking

ACHIEVEMENTS

- Ranked Top 1% in Programming in Java, IIT Kharagpur (NPTEL) Apr 2024
- Ranked Top 1% in Cloud Computing & Distributed Systems, IIT Kanpur (NPTEL) Mar 2025
- Two-time National-Level Hackathon Finalist, VJ Hackathon (VNR VJIET) 2023, 2024

CERTIFICATIONS

- Oracle Cloud Infrastructure Certified Developer Professional**, Oracle Oct 2025
- Back End Development and APIs**, freeCodeCamp Jun 2025
- Frontend Developer (React)**, HackerRank Jun 2025
- Artificial Intelligence Fundamentals**, IBM SkillsBuild Jun 2025