

KANDI VISHNU TEJA

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EDUCATION

KL University

Bachelor of Technology – Computer Science and Engineering **CGPA: 9**

Andhra Pradesh, INDIA
Expected Graduation: 2026

SKILLS

- **Programming Languages:** Python, Java, C, Shell Scripting, SQL, TypeScript
- **AI/ML Frameworks & Libraries:** TensorFlow, PyTorch, Scikit-learn, LangChain
- **ML & DL Architectures:** CNNs, RNNs, LSTMs
- **AI Research Tools & Platforms:** Jupyter Notebook, Google Colab, TensorBoard, Weights & Biases
- **Web & Backend Frameworks:** Django, Spring Boot, RESTful APIs, Node.js, Express.js, .NET
- **Frontend Technologies:** React, Angular
- **Cloud & Version Control:** Git, GitHub, Google Cloud Platform (GCP), AWS
- **Databases:** PostgreSQL, MySQL, MongoDB, Firebase, VectorDB, GraphDB
- **DevOps for Research Automation:** Docker, CI/CD pipelines, Kubernetes, ELK, Prometheus
- **Core CS Concepts:** Data Structures and Algorithms, Object-Oriented Programming, System Design

EXPERIENCE

Cloud Networking Virtual Intern – Juniper Networks (AICTE Internship Program)

[Jul–Sep 2024]

- Outlined over 5 secure, scalable network topologies using Mist AI and Contrail, boosting performance by 30%.
- Automated multi-cloud workflows with Python, REST APIs, and Bash, cutting deployment time by 40%.
- Resolved hybrid-cloud integration issues, increasing uptime to 99.8% and reduced MTTR by 25% by leveraging Prometheus.

CERTIFICATIONS

- **Red Hat Certified Enterprise Application Developer:** EX-183
- **AICTE–Juniper:** Networking Cloud
- **AWS Certified :** Cloud Practitioner (CLF-C02)
- **Google Cloud Certified:** Associate Cloud Engineer
- **Salesforce Certified:** AI Associate

ACADEMIC PROJECTS

E-commerce Product Search and Price Comparison

[Dec 2023–Apr 2024]

Tech Stack: React.js, Node.js, Express.js, MongoDB

- Built a scalable web app to compare product prices across platforms. Implemented Inexact search functionality with Levenshtein Distance and web scraping to boost accuracy by 40%. Optimized backend to handle 500+ concurrent requests with sub-200ms latency, improving UX and reducing response time by 30%.

Student Faculty Information Management System

[June–Aug 2024]

Tech Stack: Java EE, EJB, DAO, MVC

- Designed and developed a modular ERP system to manage academic workflows like course registration and faculty allocation. Enabled parallel development across 5+ teams, reducing integration errors by 15%. Improved workload efficiency by 25% and enhanced performance tracking using EJB-driven reporting.

AI – News Summarizer & Credibility Analyzer

[June–Aug 2025]

Tech Stack: Python, React.js, Node.js, MongoDB, Docker, GitHub Actions, AWS EC2

- Built an AI-powered web app using BART for summarization and a BERT-based classifier (93% F1-score) to detect fake news from the LIAR dataset.
- Implemented real-time scraping and NLP pipelines, cutting content processing time by 60%.
- Enhanced model transparency with LIME explainability and bias keyword highlighting.
- Deployed via Docker and GitHub Actions on AWS EC2, ensuring 99.9% uptime and sub-200ms latency.
- Designed a React dashboard with credibility scores, multilingual support, and user history.

TCP/IP Chat Server

[Apr 2025]

Tech Stack: Python, TCP/IP sockets, Unix/Linux, Multithreading

- Developed a multi-client TCP/IP chat server using Python and multithreading to enable concurrent communication and real-time message broadcasting.
- Applied core Data Structures and Algorithms for efficient message routing, connection handling, and load balancing.
- Achieved 30% improvement in connection handling and ensured 99.9% uptime through robust error handling and graceful client disconnection support on Unix/Linux systems.

EXTRACURRICULAR ACTIVITIES

Hackathons and Workshops

[July 2023]

- Participated in Smart India Hackathon on real-world tech problems. Attended workshops on cloud platforms and full-stack development.