Chaitanya Malladi

+917670881453 | radhakrishnachaitu@gmail.com | **LinkedIn**

EDUCATION

Koneru Lakshmaiah Education Foundation   **Guntur, Andhra Pradesh**
Bachelor of Technology in Computer Science
Minor in Artificial Intelligence and Data Science   Expected May 2027
Honors: Dean's list with distinction, Inspire Award recipient

SKILLS

- **Languages & Scripting:** Python, R, Java, SQL, Bash/Shell, C, Assembly Language
- **Machine Learning & AI:** Supervised & Unsupervised Learning, Deep Learning (PyTorch, TensorFlow, Keras), Optimization, Probability & Statistics, Exploratory Data Analysis (EDA)
- **Data Engineering & Databases:** SQL (PostgreSQL, MySQL), NoSQL (MongoDB), DBMS/RDBMS, Apache Spark, ETL Pipelines, Data Warehousing, Data Mining
- **Big Data & Cloud:** Hadoop, Apache Spark, AWS (S3), Azure, Web Scraping
- **Development & Version Control:** Git, GitHub, CI/CD Pipeline, Docker, Podman
- **Operating Systems:** Linux, Windows, MAC
- **Tools & Frameworks:** Scikit-learn, Pandas, NumPy, Tableau
- **AI Training & Evaluation:** Prompt Engineering, Data Annotation, LLM Evaluation, NLP, Task-specific Fine-tuning, Human-in-the-Loop (HITL)
- **Web Development and Frameworks:** Flutter, JavaScript, React.js, JSON, Angular.js, Vue.js, HTML, CSS, MUI, Bootstrap, Express.js
- **Methodologies:** Agile, Scrum, Jira

PROFESSIONAL EXPERIENCE

Koneru Lakshmaiah Education Foundation,   **Guntur, Andhra Pradesh**
Zero One Club Member   August 2024 - Present
- Contributing to real-world Web Development to solve technical and community-driven problems.
- Lead discussions and grade work, reinforcing logic, combinatorics, and graph theory for 100+ students.

PROJECTS

API Rate Limiter:
Node.js, Express.js, Redis, PostgreSQL
- Engineered a robust API Rate Limiter to throttle excessive client requests and prevent abuse using token bucket algorithm.
- Implemented middleware logic for request handling, user-based rate control, and persistence using Redis/PostgreSQL for scalable usage.

Khaos – E-Commerce Website for Clothing Brand:
React.js, Node.js, Express.js, MongoDB, CSS
- Designed seamless UI/UX and integrated product display, cart, and basic order management system with manual marketing ops.

AI-Based Resume Shortlisting Tool:

Python, scikit-learn, NLP, Flask

- Created a machine learning model to classify and rank candidate resumes based on job description similarity using NLP techniques.
- Deployed a web-based frontend using Flask to enable HRs to upload JDs and shortlist candidates instantly.

CERTIFICATES

Certifications & Training: Machine Learning Specialization (Stanford & Deep Learning), Agile with Atlassian Jira, Python Project for Data Engineering, Python for Data Science, AI & Development, Python Project for Data Science (IBM), Data Visualization with Tableau, AI Fundamentals, Blockchain Fundamentals, IoT Fundamentals, CRM, Salesforce AI Associate, Software Design and Architecture, Cisco Networking Essentials