

**ADITYA KUMAR** – Hyderabad, Telangana

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## PROFESSIONAL SUMMARY

Entry-level **Software Engineer / Python Developer / AI Engineer** skilled in Python, Django, React.js, and machine learning frameworks. Built full-stack and AI projects with measurable real-world impact, including a blockchain-based secure data sharing system and an NLP chatbot automation. Strong problem-solving ability, eagerness to learn, and readiness to contribute to real-world applications.

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## TECHNICAL SKILLS

**Languages:** Python, Java, C, HTML, CSS

**Frameworks / Libraries:** Django, React.js, Node.js, TensorFlow, Pandas, NumPy, Matplotlib

**Databases:** MySQL, MongoDB

**Tools:** Git, GitHub, VS Code, REST APIs

**Concepts:** Object-Oriented Programming (OOP), SDLC, Agile

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## PROJECTS

### Fake News Detection System | Python, NLP, ML, Streamlit

- Developed a machine learning–based fake news classification system using Logistic Regression and TF-IDF vectorization for accurate text analysis.
- Achieved **99% model accuracy** and improved misinformation detection reliability through optimized preprocessing and feature extraction.
- Built an interactive **Streamlit web application** enabling real-time prediction of fake vs. real news with a user-friendly interface.

### NLP-Based Chatbot Automation | Python, Dialogflow, NLP, ML

- Built AI chatbot capable of understanding user intent and automating query responses.
  - Reduced manual workload by **60%** through automated message handling.
  - Integrated backend with a web UI using HTML/CSS and connected third-party APIs for response generation.
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## INTERNSHIP

### Content Moderation Intern — Marpu Foundation (4 Weeks)

- Moderated high-volume user-generated data ensuring compliance and consistency.
  - Worked in an Agile environment, improving accuracy of moderation workflows.
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## EDUCATION

### BTech — Computer Science Engineering (AI & ML)

Malla Reddy College of Engineering (MRCE), Hyderabad

Aug 2021 – Jul 2025 | CGPA: **7.0**

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## CERTIFICATIONS

- Python Programming — Internshala (2024)
  - Java Developer Certification — Crio.do (2023)
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## SOFT SKILLS

Team Collaboration | Problem Solving | Adaptability | Ownership | Communication