
Lethavadla Leela Krishna

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PROFESSIONAL SUMMARY

Highly motivated Computer Science Engineering student with strong hands-on experience in Python development, Django framework, REST API design, and AI/ML-based applications. Proficient in developing scalable full-stack web applications, building and testing APIs using Postman, and managing data with MySQL, SQLite, and MongoDB. Experienced in applying Data Structures, OOP principles, and NLP techniques to solve real-world problems. Seeking an entry-level Python Developer / Software Engineer / AI-ML Engineer role to deliver high-quality, performance-driven solutions.

WORK EXPERIENCE

- Python Developer Intern – Coding Brains Technologies (Remote)**Jan 2025 – Jun 2025
 - Developed and deployed 5+ Python-based applications for automation and data processing, reducing manual effort by 40%.
 - Designed and optimized RESTful APIs using Django, improving data exchange efficiency by 30%.
 - Applied Data Structures and OOP principles to enhance code maintainability and scalability.
 - Processed and analyzed 10,000+ structured records using NumPy and Pandas for insights.
 - Improved application performance by 25% through algorithm optimization and exception handling.
 - Created analytical dashboards and visualizations using Matplotlib for decision support.

EDUCATION

B.Tech in Computer Science Engineering Sri Mittapalli College of Engineering (JNTUK)2022 – 2026 | CGPA: 7.63 (Pursuing)

ACADEMIC PROJECT (PRESENTLY ONGOING)

Price Negotiating Chatbot with Text & Voice (AI & NLP)

- Designed and implemented an AI-driven chatbot handling 500+ dynamic price negotiation scenarios.
- Applied Natural Language Processing (NLP) techniques such as intent classification and sentiment analysis, increasing negotiation accuracy by 35%.
- Integrated Machine Learning-based pricing logic to generate adaptive and user-specific responses.
- Built secure and scalable backend services using Django REST APIs.
- Enabled text and voice-based interaction, improving user engagement by 30%.
- Technologies: Python, Django, Machine Learning, NLP, REST API, HTML, CSS, JavaScript.

E-Commerce Web Application

- Developed a full-stack Django-based e-commerce application supporting 50+ products with categories and pricing.
- Implemented secure user authentication, cart management, and order processing modules.
- Integrated search and filter functionality achieving 90% accurate product discovery.
- Performed CRUD operations and database optimization using MySQL/SQLite.
- Deployed the application on PythonAnywhere, ensuring high availability and stable performance.

SKILLS

- Programming Languages: Python, C (Basic), JavaScript, SQL
- Web Technologies: HTML, CSS
- Frameworks & Libraries: Django, Django REST Framework, React.js, Bootstrap, NumPy, Pandas, Matplotlib
- Databases: MySQL, SQLite, MongoDB
- Tools & Platforms: Git, GitHub, Postman, VS Code, Jupyter Notebook, PythonAnywhere
- Core Concepts: Data Structures, Algorithms, OOP, REST API, CRUD Operations, NLP, Machine Learning, Data Analysis

CERTIFICATE

- Full Stack UI Developer – b2f226b ([Verify](#))
 - Full Stack Python Developer – a79c05f ([Verify](#))
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