Meruva Lokesh

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EDUCATION

• **Koneru Lakshmaiah University** *Sep 2022 - June 2026 (Expected)*
B.Tech - Computer Science and Engineering Vaddeswaram, Vijayawada
　◦ GPA: 8.62

• **Narayana Junior College** *2020 - 2022*
Intermediate Nellore, Andhra Pradesh
　◦ Grade: 93.7%

PROJECTS

• **Drug and Medicine Named Entity Recognition (NER)** *January 2025*
Tools: [Python, SpaCy, Hugging Face, scikit-learn, NLTK]
　◦ Developed NER system using SpaCy and BERT to identify drugs and categories in medical text, achieving 90% accuracy.
　◦ Trained model on 50,000+ records to recognize drug names, categories, and therapeutic uses.
　◦ Built custom annotation pipeline with NLTK, improving model performance by 20%.
　◦ Created evaluation framework for precision, recall, and F1-score metrics.
　◦ Designed entity linking system for mapping drugs to categories.

• **Blog Application** *March 2024*
Tools: [JavaScript, Node.js, MongoDB]
　◦ Developed a fully functional blogging app using Node.js and MongoDB.
　◦ Implemented secure JWT-based authentication for user roles.
　◦ Designed a clean interface for creating and managing blog posts.

• **Library Management System** *April 2024*
Tools: [Python, Flask, MySQL, HTML/CSS, JavaScript]
　◦ Created system using Flask and MySQL for managing books, users, and borrow history.
　◦ Implemented user login with different access levels.
　◦ Designed UI for book search, issue, and return tracking.

SKILLS

• **Programming Languages:** C, C++, Python, SQL, JavaScript
• **Web Development:** HTML, CSS, Flask
• **Libraries/Frameworks:** PyTorch, Scikit-learn, Pandas, NumPy
• **Developer Tools:** Git, VS Code, Jupyter Notebook, MySQL
• **Coursework:** DSA, OOPS, DBMS, ML, NLP

CERTIFICATIONS

• **HackerRank: SQL**

• **Kaggle: Deep Learning**