

Lokesh Boddapu

Visakhapatnam, Andhra Pradesh – 530053, India

Phone: +91-7680817734

GitHub: github.com/BoddapuLokesh

Portfolio: boddapulokesh.github.io/portfolio

Email: lokeshboddapu1234@gmail.com

LinkedIn: linkedin.com/in/lokeshboddapu

Codolio: codolio.com/profile/lokesh_08

Education

Gayatri Vidya Parishad College of Engineering (Autonomous)

CGPA: 8.44 (Till VI Semester)

Bachelor of Technology - Computer Science and Engineering

October 2022 – April 2026

- **Specialization:** Artificial Intelligence and Machine Learning
- **University Affiliation:** Andhra University
- **Relevant Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Database and Management Systems, Machine Learning, Artificial Intelligence, Deep Learning, Natural Language Processing

Experience

Python Developer Intern

Remote

Infotact Solutions

May 2025 – July 2025

- Built an automated file organizer using Python's os and shutil modules.
- Developed an intuitive GUI interface improving user experience significantly compared to command-line alternatives.
- Implemented comprehensive error handling and logging, achieving reliability in file operations.

AWS AI-ML Virtual Internship

Remote

AICTE-EDUSKILLS

April 2025 – June 2025

- Built a serverless college FAQ chatbot using AWS Lambda (backend logic), API Gateway (secure API endpoint), and unstructured cloud storage for data management.
- Developed a custom HTML user interface that connects to the chatbot backend via API Gateway, secured with API keys for authorized access.
- Deployed and delivered the chatbot web application globally using AWS CloudFront, ensuring low-latency and highly available access for end users.

Projects

Time Table Generator | Python, Genetic Algorithms, Django

GitHub

- Developed a web-based timetable generator for academic departments with genetic algorithm for conflict-free class scheduling.
- Modeled and streamlined CRUD data workflows for faculty, courses, rooms, and timeslots using Django ORM and ModelForms.
- Integrated scheduling constraints (room capacity, faculty and room conflicts) to optimize resource usage and scheduling fairness.

ML Algorithm Comparison and Insight Tool | ML Algorithms, EDA, Flask

GitHub

- Built a flask application, where user can upload their dataset for comprehensive exploratory data analysis (7+ analytics).
- Enabled code-free machine learning by integrating 5 classification and 5 regression algorithms, featuring problem type inference based on the selected target attribute.
- Added user controls to adjust the training/test split, and configure cross-validation with either 5 or 10 folds—empowering users to fine-tune model evaluation and performance.

Skills

Programming Languages: Python, Java, SQL, C/C++

AI Technologies: Machine Learning, Deep Learning, Natural Language Processing, Genetic Algorithms

Libraries & Frameworks: NumPy, Pandas, TensorFlow, PyTorch, Scikit-learn, NLTK, Flask

Databases: PostgreSQL, MySQL (RDBMS)

Soft Skills: Problem Solving, Self-Learning, Presentation, Adaptability, Team Collaboration, Agile Practices

Achievements

National Semi-finalists in Tata Imagination Challenge 2024

Tata Group

Advanced to the national semi-finals (top 2.3%) by excelling in aptitude and gamified situation handling rounds.

2024

Positions of Responsibility

Captain, College Basketball Team

GVPCE(A), Visakhapatnam

Led the first-time participating team to semi-finals of the AU Inter-College Tournament.

2023–2024

Head Organizer, Intra-College Basketball Tournaments

GVPCE(A), Visakhapatnam

Organized and managed tournaments involving 100+ participants.

2023–2024

Interests & Activities

Competitive Programming

Solved 200+ problems across platforms like LeetCode, GFG and CodeChef.