

Lalu Prasad Aroori

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Career Objective

Currently enhancing my skills in AI/ML, developing interactive DSA resources, and contributing to open-source projects. My goal is to work on impactful projects that leverage cloud technologies and AI to solve real-world problems. My key interests include web development, cloud-based applications, and interactive tools that engage users in a fun and educational way.

Education

SR University, Bachelor of Technology in Computer Science (9.8/10) 2023 – 2027
• Coursework: Machine Learning, Data Structures and Algorithms, Design and Analysis of Algorithms, OOP, OS, Data Mining, Python, Java.
Pragathi Junior College Nalgonda, Intermediate in MPC (97.9/100) 2021 – 2023
ZPHS Veliminedu, Secondary School Certificate 2020 – 2021

Leadership Experience

Chair – Hackathon & Innovation Club 2024 – Present
• Led innovation initiatives impacting 800+ students through SIH and internal innovation challenges.
• Coordinated with faculty and external mentors to build a structured innovation ecosystem.
Smart India Hackathon – Student Coordinator 2024
• Managed team operations, training sessions, and national-level project submissions.

Internships

AICTE Juniper Mist AI/ML Virtual Internship Oct 2024 – Dec 2024
• Automated network setup across 5 virtual environments, reducing deployment time by 40%.
• Gained hands-on experience in AI-powered cloud-managed networks.
AICTE Eduskills: Employability Skills Virtual Internship Oct 2024 – Dec 2024
• Led 15+ collaboration sessions improving team cohesion by 30%.
• Learned resume-building, interview strategies, and business etiquette.
AICTE Eduskills: Data Engineering Virtual Internship Jul 2024 – Sep 2024
• Hands-on experience with data pipelines, ETL processes, and big data tools.
• Worked with SQL and cloud data warehouses.
Google AI-ML Virtual Internship Jul 2024 – Sep 2024
• Completed advanced ML training focusing on predictive modelling and optimization.
• Enhanced decision-making using AI-powered analytics platforms.
Agratas Academy Cloud Computing Internship Jun 2024 – Aug 2024
• Deployed and optimized applications on AWS, Azure, and Google Cloud.
• Focused on performance, security, and scalability.

Technical Skills

Programming: Python, Java
Web Technologies: HTML, CSS3, JavaScript
Tools & Frameworks: Bootstrap, Visual Studio, Tailwind CSS
Database: SQL, Oracle
Analytics: Pandas, NumPy, Seaborn, matplotlib

Soft Skills

Team Management
Communication
Leadership

Research Interest

AI & ML
Data Structures and Algorithms
Graph Theory

Projects

Beyond Expressions: AI and the Science of Human Social Behaviour	2025
<ul style="list-style-type: none">• Developed AI models for analysing human emotions and behavioural patterns.• Researched deep learning techniques for sentiment and pattern recognition.	
AI Banner Generation (Generative AI)	2024
<ul style="list-style-type: none">• Built an AI-powered tool to create custom banners using deep learning.• Automated design workflows to create visually appealing graphics.	
Resume Spark (Web Development)	2024
<ul style="list-style-type: none">• Created an interactive web platform for AI-driven resume building.• Integrated AI-based formatting and content optimization.	

Achievements

- Data Analytics Essentials — Dec 2024
- CCNA: Introduction to Networks — Nov 2024
- AWS Academy Cloud Foundation — Sep 2024
- AWS Academy Data Engineering — Sep 2024
- Responsive Web Design — Aug 2024
- Java (Basic), HackerRank — Apr 2024
- Python (Basic), HackerRank — Mar 2024