

Lalu prasad Aroori

aroorilaluprasad@gmail.com - +917013716541 - [LinkedIn](#) - [GitHub](#)

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

Warangal, Telangana, India

Bachelor of Technology in Computer Science (9.8/10)

2023-2027

• **Course Work:** Machine Learning, Data Structures and Algorithms, Design and Analysis of Algorithms, Object Oriented Programming, Operating System, Data Mining, Python, Java.

Pragathi Junior College Nalgonda

Nalgonda, Telangana, India

Intermediate in MPC (97.9/100)

2021-2023

ZPHS Veliminedu

Nalgonda, Telangana, India

Secondary School Certificate

2020-2021

LEADERSHIP EXPERIENCE

Chair - Hackathon & Innovation Club (2024 - Present)

- Led innovation initiatives impacting **800+ students** through Smart India Hackathon (SIH) and internal innovation challenges.
- Coordinated with faculty and external mentors to build a structured innovation ecosystem within the university.

SIH Student Coordinator

- Managed team operations, training sessions, and national-level project submissions.

INTERNSHIPS

AICTE Juniper Mist AI/ML Virtual Internship([certificate](#))

Oct 2024-Dec 2024

- I used Juniper Mist AI to automate network setup across five virtual environments, cutting deployment time by 40% and reducing human errors by 35%.
- Gained hands-on experience in AI/ML applications for cloud-managed networks.

AICTE Eduskills: Employability Skills Job-Ready Virtual Internship([certificate](#))

Oct 2024-Dec 2024

- I led 15+ collaborative sessions, simplifying complex network issues and enhancing team cohesion by 30% through clear communication and problem-solving.
- Learned resume-building, interview strategies, and business etiquette.

AICTE Eduskills virtual internship: Data Engineering Virtual Internship([certificate](#))

July 2024-Sep 2024 -

Gained hands-on experience with data pipelines, ETL processes, and big data tools.

- Worked with SQL, and cloud-based data warehouses for efficient data management.

Google AI-ML virtual internship: AICTE-Warangal, India([certificate](#))

July 2024-Sep 2024

- Completed a 10-week internship on advanced machine learning concepts and Google's AI tools, focusing on predictive modelling and resource optimization.
- Acquired knowledge in AI-powered analytics platforms, leveraging tools to enhance data precision and accelerating decision-making processes.

Agratas Academy virtual internship: Cloud Computing Intern([certificate](#)) June 2024-Aug 2024 - Learned to deploy and optimize cloud applications on AWS, Azure, and Google Cloud.

- Worked on real-world cloud solutions, focusing on performance, security, and scalability.

TECHNICAL SKILLS

Programming Languages: Python, Java

WEB Technologies: HTML, CSS3, JavaScript

Tools & Frameworks: Bootstrap, Visual Studio, Tailwind CSS

Database: SQL, Oracle

Analytics: Pandas, matplotlib, NumPy, Seaborn

Domain Knowledge: Machine Learning, Full Stack web Development

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 (*Anveshan* 2025)
2025

- Researched and implemented AI models to analyse human emotions and social behaviour.
- Explored deep learning techniques for sentiment analysis and behavioural pattern recognition

AI Banner Generation (*Generative AI*) 2024

- Developed an AI-powered tool to generate custom banners using deep learning and computer vision.
 - Automated design workflows to create visually appealing and brand-consistent graphics.
- 2024**

Resume Spark (*Web Development*)

- Built an interactive web platform for resume building with real-time AI-driven suggestions.
- Integrated AI-based formatting and content optimization to enhance job application success.

ACHIEVEMENTS

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|---|----------------------|------------|
| • Data Analytics Essentials. | Link | Dec 2024 |
| • CCNA: Introduction to Networks from Cisco Networking Academy. | Link | Nov 2024 |
| • Aws Academy Cloud Foundation | Link | Sep 2024 |
| • Aws Academy Data Engineering | Link | Sep 2024 |
| • Responsive Web Design. | Link | Aug 2024 |
| • Java (Basic) from Hacker Rank. | Link | April 2024 |
| • Python (Basic) from Hacker Rank. | Link | Mar 2024 |