

# Arigela Lavakumar

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Vizianagaram, India

## PROFILE

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Seeking a challenging position in a reputable organization to expand my skills and contribute to the company's success. Passionate about AI/ML, data science, and full-stack development.

## EDUCATION

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2021 - 2025	B.Tech in Artificial Intelligence and Machine Learning at <b>Centurion University of Technology and Management</b> , Vizianagaram, India	(CGPA: 8.70/10.0)
2019 - 2021	12th Grade at <b>Montessori Junior College</b> , Palakollu	(Percentage: 90.7%)
2018 - 2019	10th Grade at <b>Vivekananda English Medium School</b> , Maruteru	(Percentage: 93%)

## SKILLS

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- Python, Java, SQL, Machine Learning, MySQL, OOP, Data Structures, Algorithms, Problem-Solving

## WORK EXPERIENCE

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**Artificial Intelligence Intern** at Edunet Foundation Aug 2023 - Oct 2023

- Developed AI-powered learning tools, improving educational outcomes with personalized adaptive models.
- Optimized machine learning models using cloud computing platforms such as AWS Cloud.

**Data Science and Machine Learning Intern** at YBI Foundation Jul 2023 - Aug 2023

- Developed a Big Sales Prediction model using Random Forest Regressor achieving an accuracy of 30%.
- Utilized Python libraries such as Pandas, NumPy, Scikit-learn, and Matplotlib for data analysis and visualization.

## PROJECTS

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**Tree Enumeration with Image Analytics** [Link](#)

- Developed an AI-driven tool for automated tree counting in satellite images, improving accuracy by 30% for environmental monitoring.
- Implemented Machine learning models using Python and YOLO, achieving high precision in tree enumeration.

**Hirely - Job Hiring Platform** MERN Stack

- Developed a job hiring platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Implemented user authentication, job posting, application tracking, and an admin dashboard for managing users.
- Integrated RESTful APIs to handle job listings, user profiles, and application submissions.

## CERTIFICATIONS

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- [Microsoft Certified: Azure Fundamentals](#) - Microsoft - May 2024
- [Introduction to Artificial Intelligence \(AI\)](#) - IBM on Coursera - Aug 2023
- [Artificial Intelligence](#) - AICTE - Oct 2023
- [Data Science and Machine Learning](#) - YBI Foundations - Oct 2023

## ACHIEVEMENTS AND AWARDS

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**Team Lead - Smart India Hackathon (SIH) | 2023 | National Level**

- Led a team in developing an AI-based solution, optimizing efficiency and performance.
- Designed and implemented machine learning models, improving predictive accuracy by 25%.