

Kowshik Padala

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Profile Summary

Motivated and detail-oriented professional with strong problem-solving, analytical, and communication skills. Passionate about AI, software development, and automation. Proficient in C++, Java, and Python, with expertise in Data Structures, Algorithms, and Object-Oriented Programming. Experienced in NLP and Machine Learning with hands-on project development.

Education

B.Tech, Computer Science and Engineering (2022 - 2026)
Amrita Vishwa Vidyapeetam, Amritapuri, Kerala, India CGPA: 9.01

12th, TSBIE (2020-2022)
Sri Chaitanya Junior College, Khammam, Telangana, India Percentage: 95.1

10th, CBSE (2019-2020)
Dr. KKR Gowtham Intl School, Hyderabad, Telangana, India Percentage: 86.66

Experience

AI Intern - Languify (Aug 2024 – Sep 2024)

- Developed a **landmark detection model** using **VGG19**, optimizing feature extraction for improved image recognition.
- Enhanced **real-time data analysis and machine learning models** for NLP and computer vision applications.
- Created **predictive modeling algorithms**, increasing automation and system efficiency.

Projects

AI Resume Screener Using NLP (*ongoing*) (Feb 2025-present)

- Developed an AI-powered resume screening system using NLP and ML, incorporating **Weighted Resume Scoring** (CGPA, projects, skills, and experience) for comprehensive evaluation.
- Implemented **Named Entity Recognition (NER)** and **semantic similarity** techniques to rank resumes based on relevance to job descriptions.
- Optimized** Applicant Tracking System (ATS) scoring, enhancing hiring efficiency and reducing manual screening efforts.

Therapist and Child Detection & Tracking System (Oct 2024)

- Built an AI-driven computer vision system for monitoring therapist-child interactions in **Autism Spectrum Disorder (ASD)** therapy sessions, ensuring non-intrusive tracking.
- Utilized deep learning for real-time detection, tracking, and **re-entry identification**, providing behavioral pattern insights.
- Enhanced therapy outcome analysis with data-driven insights, helping therapists assess engagement levels and session effectiveness.

Skills

- **Programming Languages:** C, C++, Java, Python
- **Core Competencies:** Data Structures, Algorithms, Object-Oriented Design, Problem Solving
- **Tools & Technologies:** Git, Linux, BASH, Docker, MLOps, TensorFlow, PyTorch
- **Specializations:** Machine Learning, Data Analysis, NLP, Computer Vision

Certifications

- [Microsoft Certified: Azure AI Fundamentals](#) (Jan 2023)
- [Oracle Cloud Infrastructure Generative AI Certified Professional](#) (July 2024)

Social Outreach & Leadership

- Led a **Career Guidance & Skill-Building Initiative** at **S R Digi School, Hyderabad**, for high school students (8th-10th grade).
- Introduced **basic programming concepts** (HTML, CSS, AI) to enhance technical awareness.
- Designed and developed **aptitude-building modules** to support career exploration and problem-solving skills.

Languages Spoken

- English (Fluent)
- Telugu (Native)
- Hindi (Intermediate)

Hobbies

- Competitive Programming
- Reading Tech Blogs
- Playing Cricket
- Exploring AI Innovations