Arumilli Vijay Babu

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EDUCATION

Sagi Ramakrishnam Raju Engineering College(GPA: 9.41/10)
Bhimavaram, Andhra Pradesh
Bachelor of Technology- Artificial Intelligence and Machine Learning **(2023-2027)**

Sri Chaitanya Jr College Eluru, AndhraPradesh
Intermediate-MPC(97.8)

WORK EXPERIENCE

SRKR Coding Club-Educational   March 2025 - present
Role:Web Developer

- Developed and maintained the official SRKR Coding Club website with responsive and user-friendly design.Designed the Hackoverflow 2k25 event website, enabling seamless registrations and event promotions.

- Collaborated with team members to enhance digital presence and streamline club activities through web solutions.

Paritripti Jewels Pvt Ltd(Remote)   Sept 2025 - present
Role:Full Stack Web Developer

- Developed and optimized the company's online platform using MERN stack, enhancing performance and user experience.

PROJECTS

Fertile Minds   Link to Demo
Technologies used: React, Express.js, MongoDB Atlas, Machine Learning,OCR

- Designed and developed a sustainable fertilizer optimization system with dynamic web pages for personalized recommendations.

- Implemented fertilizer and crop rotation advice based on soil conditions, crop type, and environmental factors to promote eco-friendly farming.

Edugrade AI   Link to Demo
Technologies used: React, Express.js, MongoDB Atlas, Machine Learning

- Developed an AI-powered system to automate student answer sheet evaluation, supporting both individual and bulk uploads.

- Reduced manual grading effort by ensuring fairness, consistency, and actionable feedback for students and educators.

SRKR Coding Club Official Website   Link to Demo
Technologies used: React, Express.js, MongoDB Atlas

- Developed and maintained the official SRKR Coding Club website with responsive and user-friendly design

Technical Skills

Languages: Java, Python, C
Technologies/Frameworks: React.js, Node.js, Express.js
Machine Learning: Data Preprocessing, Data Visualization, Tensorflow, Scikit-learn, Numpy, Pandas
Databases: MongoDB
Other Skills: Git, Data Structures and Algorithms

Achievements

Python Workshop Coordinator

- Acted as a resource person for a Python workshop organized by SRKR Coding Club, training 100+ participants in advanced Python for Machine Learning.

- Delivered hands-on sessions and mentored participants in building mini-projects, strengthening their practical ML skills.

Full Stack Development Course Mentor

- Mentored 15 students in Full Stack Web Development, providing guidance on real-world projects and industry best practices.

- Strengthened their skills in frontend, backend, and deployment, with 2 mentees achieving top 5 performer positions in the program.