

# Arumilli Vijay Babu

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## EDUCATION

**Sagi Rama Krishnam Raju Engineering College**

*Bachelor of Technology- Artificial Intelligence and Machine Learning(GPA:9.41)*

**Bhimavaram,Andhra Pradesh**

*September 2023 - April 2027*

**Sri Chaitanya Jr College**

*Intermediate-MPC(97.8)*

**Eluru,Andhra Pradesh**

*June 2021 - April 2023*

## TECHNICAL SKILLS

**Programming Languages:** Python, Java,C

**Libraries and Tools:** Pandas, Numpy, Git

**Database:** MongoDB

**Frontend-End Technologies:** HTML,CSS,Javascript

## PROJECTS

- **Fertile Minds**, Designed and developed a sustainable fertilizer optimization system using dynamic web pages. The project provides personalized fertilizer recommendations and crop rotation advices based on soil conditions, crop type, and environmental factors to enhance agricultural efficiency while promoting eco-friendly farming practices.
- **Technologies Used:**
- **Frontend:**HTML,CSS,Javascript
- **Backend:**Express.js,Node.js
- **Database**MongoDB Atlas
- **AI Processing:**Machine Learning
- **API's:**Gemini API for realtime responses from the chatbot [GitHub](#)
- **Edugrade AI**
- Automates student answer sheet evaluation using AI-powered analysis.Supports both individual answer sheet uploads and bulk uploads via drive links.Reduces manual grading effort, ensuring fairness and consistency.Provides insightful feedback for students and educators.
- **Technologies Used:**
- **Frontend:**React.js
- **Backend:**Express.js,Node.js
- **Database**MongoDB Atlas
- **AI Processing:**Machine Learning, OCR (Optical Character Recognition)
- **Cloud Storage:**Google Drive API (for bulk uploads) [GitHub](#)

## POSITIONS OF RESPONSIBILITY

### Python Workshop Coordinator

- Being one of the resource person for a python workshop organized by SRKR Coding club led 100+ participants to learn cutting edge technologies in python for Machine Learning and helped them to develop their mini projects after the end of the session

### Associative Representative at SRKR Coding Club

- Organized two National Level Hackathons **Hackoverflow** and two coding competetions **Iconcoderz** for the last two years
- As one of the members of Resource persons taught C and Java programming classes to SRKR Coding affiliates and lead them to explore the ways to solve Data structures in a efficient way