LOKESH YARRAMALLU

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PROFILE

Computer Science student with a focus on AI and ML. Proficient in developing AI solutions, Research, and Leading Community Initiatives. Strong in problem-solving and leadership

EDUCATION

Bachelor of Technology in Aritificial Intelligence   2022 - 2026
Amrita Vishwa Vidhyapeetham, Amritapuri Campus

Higher Secondary Education   2020 - 2022
Sri Chaitanya Junior College, Vijayawada

Secondary Education (SSC)   2020
Dr. KKR's Gowtham School, Rajamahendravaram

SKILLS

Technical Skills	C, Python, Java, Django, SQL
Soft Skills	Leadership, Administration, Problem Solving, Communication, Adaptability
Artificial Intelligence	Machine Learning, Deep Learning, Pytorch, GENAI, DataScience

EXPERIENCE

ML Intern   2024 - Present
Apni Career   *Amritapuri*
Developed a personalized job recommendation model and ATS score calculator using Gemini. Enhanced recommendation accuracy through real-world testing and data analysis.

SIG Lead   2022 - Present
ACM Student Chapter Amritapuri   *Amritapuri, Kerala*
Enhanced expertise in Machine Learning, Deep Learning, and AI. Contributed to ACM Student Chapter by leading mentorship, skill-building, and management initiatives

PROJECTS

Hiring Search Tool. Developed a Browser Extension using JavaScript, NodeJs and Gemini API. The extension helps users by providing instant answers within the webpage enabling seamless in browser assistance for quick and efficient information retrieval. (Try it here)

Plagarism Checker. Developed a Code Similarity Checker by leveraging techniques used in sentence similarity algorithms, utilizing pre-trained transformer models to evaluate the similarity between code snippets through tokenization, embedding generation, pooling, normalization, and cosine similarity.

Green Trade. Developed a platform for large-scale used sustainable product sales with a Node.js backend, MySQL database, and a dynamic frontend.

PUBLICATIONS

- Deep Learning Enabled Vehicle Identification is a contribution to Urban Home Security presented at INCET 24
- Industrial Worker Safety Device with Proactive Gas Leak and Fire Protection System presented at ICTCS 23

COURSE WORK

DSA, Operating Systems, Computer Networks, Database Management Systems, User Interface and Design