Lokesh Yarramallu

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📍 Rajamahendravaram, AP   🔗 lokeshyarramallu   🔗 LokeshYarramallu

PROFILE

Highly motivated and ingenious Computer Science student with a focus on AI and ML, passionate about innovation and research in cutting-edge AI tech. Proficient in developing AI solutions, conducting research, and leading community initiatives. Experienced in mentoring, and organizing technical events, workshops, and hackathons. Strong in problem-solving, leadership, and strategic decision-making.

EDUCATION

Amrita Vishwa Vidyapeetham, *BTech CSE - AI*   Sep 2022 – present | Amritapuri, India
  CGPA - 9.35

Sri Chaitanya Junior College, *Higher Secondary - MPC*   Apr 2020 – Aug 2022 | Vijayawada, India
  Percentage - 95%

Dr. KKRs Gowtham, *SSC 10th Class*   May 2020 | Rajahmahendravaram

LEADERSHIP

ACM Student Chapter, *SIG Lead & Student Mentor*   Dec 2022 – present | Amritapuri
  Led, managed, and mentored SIG AI, organizing workshops, hackathons, and structured learning initiatives in ML, DL, and Generative AI.

PROJECT INTERN

ApniCareer, *SDE Intern* 🔗   May 2024 – present | Amritapuri
  Developed a personalized job recommendation model and ATS score calculator with Qdrant vectordb using similarity search. Integrated an HR automation system using RAG-based Gemini LLM with posgres storage.

Centre for Wireless Networks and Applications, Amrita (WNA), *Research Intern* 🔗   May 2023 – May 2024 | Amritapuri
  Contributed to Smart Home Security by developing a vehicle detection and classification system based on number plate recognition using deep learning techniques, published at INCET24.

AmritaCREATE, *Project-Intern* 🔗   Apr 2023 – May 2023 | Amritapuri
  Contributed to the 'Blind Accessibility - Survey' project at Amrita CREATE, a C20 Workgroup, conducting an Inclusive Learning Survey to enhance accessibility for individuals with visual impairments.

PROJECTS

AI-Helper, *Browser Extension*   Sep 2024
  Developed a Browser Extension using Js, NodeJs and Gemini API. it helps users by providing instant answers within the webpage enabling seamless in-browser assistance for efficient information retrieval

Plagiarism Checker   Apr 2024
  Created a code similarity checker utilizing pre-trained transformer models to assess similarity between code snippets using tokenization, embedding generation, pooling, normalization, and cosine similarity.

HealthAI, *Multi-lingual Medical Query Support*   Sep 2024
  Developed a web application integrating AI to enhance Healthcare accessibility by providing real-time, multilingual medical assistance.

SKILLS

Artificial Intelligence — LLMS • GEN - AI • Deep Learning • Machine Learning | **Python** — Django • PyTorch • Data Science | **Flutter** | **C** | **SQL** | **Soft Skills** — Leadership, People Administration, Project Management, Problem Solving, Communication, Adaptability.

CERTIFICATES

- HTML, Js - Coding Ninjas
- Machine Learning - Kaggle, Datacamp
- Deep Learning, GENAI - Datacamp

PUBLICATIONS

Deep Learning Enabled Vehicle Identification - Urban Home Security, *INCET 24*

Industrial Worker Safety Device with Proactive Gas Leak and Fire Protection System, *ICTCS 23*

INTERESTS

Artificial Intelligence — Generative AI • Computer Vision | **Organizing** — Event Management • Team Building • Mentoring

ORGANIZATIONS & COMMUNITY OUTREACH

Student Social Responsibility   Oct 2024 | Tiruvalla, Kerala
Conducted a seminar on "Cybersecurity Awareness" at a nearby school as part of my Social Service Responsibility (SSR). Educated students on safe online practices, and a demo on phishing, empowering them to navigate the digital world securely.

EvoLumin, *Organizer*   Oct 2024 | Amritapuri, Kollam
Organized *EvoLumin*, a **24-hour national-level hackathon** conducted by the ACM Student Chapter, bringing together innovators to solve real-world challenges through technology-driven solutions.

ICPC, *Volunteer Lead*   Jan 2024 | Amritapuri, Kollam
Managed logistics and coordination for ICPC (International Collegiate Programming Contest) regional events, facilitating a smooth experience for participants and judges.