

Shekar Mahesh

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Objective

Highly motivated and skilled Fresher of Artificial Intelligence and Machine Learning, I bring a strong sense of responsibility and keen ability to learn rapidly. My attitude for multitasking ensures that I can effectively manage multiple projects and responsibilities. I am eager to apply my skills and knowledge in a professional setting, looking forward to my first work experience with great anticipation and commitment.

Technical Skills

- **Programming Languages:**
Basics in C, Python, Java, SQL, Julia
- **Developer Tools:**
VSCode, MySQL, Word, Excel, PowerPoint

Projects

- **Malware Analysis Using Reverse Engineering and LLM**
 - Integrated RetDec for binary decompilation and LLaMA 3 via Ollama for natural language interpretation of code behavior
 - Built a Streamlit-based user interface enabling file uploads, decompilation, and AI-generated threat reports.
 - Implemented features like risk scoring, suspicious pattern detection, and explainable AI reports to simplify malware understanding for both analysts and learners.
- **AI powered Dream Analysis to understand Mental Health**
 - Developed DreamInsight, an AI platform using BERT an NLP to analyze dreams for early detection of mental health issues.
 - Built a Flask + SQLite backend with interactive dashboards for users and professionals, integrating web-scraped datasets.
 - Focused on scalability, security, and user-friendly user interface to ensure accessibility and reliability

Education

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| • Vivekananda College of Engineering and Technology Puttur
BE in Artificial Intelligence and Machine Learning
Current CGPA: 8.64 | 2022-2026 |
| • Jawahar Navodaya Vidyalaya Kasaragod
12th
Percentage: 77% | 2022 |
| • Jawahar Navodaya Vidyalaya Kasaragod
10th
Percentage: 89% | 2020 |

Languages

- English
- Malayalam
- Hindi
- Kannada

Soft Skills

- Communication skills
- Time Management and Leadership.
- Decision Making and Problem Solving