

SUBASHINI K

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ABOUT ME

Generative AI and Data Science professional with hands-on experience in LLM-based application development, prompt engineering, and mentoring learners on GenAI concepts. Skilled in building AI-driven solutions using Python, Machine Learning, and Power BI. Passionate about applying Generative AI to solve real-world problems and guiding others in AI adoption.

EDUCATION

B.Tech – Artificial Intelligence and Data Science

CGPA : 8.14

Graduated: 2024

PROJECT

AI Traffic Light Management System

[GitHub](#)

- Developed an AI-driven traffic management system to analyze traffic flow and optimize signal timings. Applied machine learning techniques to predict congestion patterns and support adaptive traffic control

AI-Driven Analytics & Power BI Dashboard:

- Designed AI-integrated Power BI dashboards to convert complex datasets into actionable insights. Combined Python-based analytics with DAX measures to support trend analysis and informed decision-making. Focused

WORK EXPERIENCE

Generative AI Mentor:

- Provided structured mentoring on Generative AI, Large Language Models, and prompt engineering, helping learners understand real-world applications. Guided hands-on projects and refined AI outputs through effective prompt optimization.
- Collaborated with learners to improve problem-solving and practical AI implementation skills.

Generative AI Developer

- Developed LLM-based applications for content generation and automation using Python. Designed and optimized prompts to ensure accurate, consistent, and reliable AI outputs. Integrated GenAI solutions into existing workflows to improve efficiency and usability.

TECHNICAL SKILLS

- Mentoring
- Python
- Generative AI(LLM)
- Machine learning