ASHLIN K S

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in ashlin-k-s3441   ○ ashlin3441

PROFILE

Enthusiastic and driven Master of Computer Applications (MCA) student with a passion for leveraging technology to solve complex problems . I am coming from a diverse academic background , having completed my ug degree in Physics, which has provided me with a strong analytical foundation and a deep appreciation for problem solving.Strong foundation in both traditional ML algorithms and modern deep learning architectures, with proven ability to deliver AI-powered solutions that solve complex problems. Technical proficiency in Python, and familiarity in C, Java, and JavaScript, with experience in web technologies and databases.

PROJECTS

MindGraph: (GraphRAG, Graph Vector Store, Cassandra, Langchain, Ollama, LLama3.1, FastAPI, React)
Knowledge Graph visualization for Crime Analysis and Information Retrieval

- Developed a Fullstack Generative AI application to identify hidden patterns from unstructured data to a 3-dimensional knowledge graph. Fine tuned Large language models for criminal case study analysis. Ability to communicate to crime documents through graph retreival augmented generation combined with a graph vector database

Gemini Ai (Clone)   May 2025

- Developed a Clone of Gemini.AI (chatbot).
- Tools Used: React , Javascript , Google Studio API , CSS

EXPERIENCE

Software Development Intern   *December 2024- April*
WeberFox Technologies pvt ltd   *2025*

- Developed a Full Stack web application (Admin Panel of a food delivery application) using MERN technology.
- Tools: React.js (Material ui for styling) , Node.js and Express.js , MongoDB , RestFul Api

Python Development Intern   *May 2024-June2024*
Aurotech Solutions Pvt Ltd

- Engineered a secure ATM interface using Python, implementing robust user authentication and comprehensive transaction management features.
- Designed and integrated QR code generation functionality utilizing Python libraries to enhance user experience and system efficiency.

EDUCATION

Cochin University of Science And Technology   *july 2023 – May 2025*
Master of Computer Applications

- GPA: 8.87/10 *

Kannur University   *july 2020 – May 2023*
Govt. Brennen College Thalassery
Bachelor of Science .Physics

- GPA: 8.74/10

Kerala Board Of Higher Secondary Education   *july 2018 – May 2020*
Govt. Hss Pala, Kakkengad
Plus Two

- Percentage:94.5

Central Board Of Secondary Education *june 2017 – May 2018*
Holy Cross Pub Sch Naduvil, Kudiyanmala
Class X

- Percentage:88.8

TECHNICAL SKILLS

Languages: Python, C, Java, JavaScript
Databases: MySQL, MongoDB
Web Technology: HTML, CSS , React , Bootstrap
Source Code Management: Git , Github

CERTIFICATIONS

Getting Started with Artificial Intelligence	IBM
Artificial Intelligence Fundamentals	IBM
Project Management Fundamentals	IBM

SOFT SKILLS

- Leadership , Decision Making ,Problem Solving
- Clear and Concise Communication, Enthusiastic
- Continuous Learner, Critical Thinking, Analytical Thinking

COMMUNITY INVOLVEMENT

NSS Volunteer	*2020-2023*
Arts Fest volunteer	*2022-2024*

- Kannur University Union Arts Fest - 2022,2023
- Cochin University Union Arts Fest - 2024

Film Fest Volunteer *2024*
- Cochin University Union Film Fest - 2024

ACIEVEMENTS

Member - Cochin University Volleyball Team , 2024
Member - Winners of inter-collegiate volleyball , 2024,2025