

ASHLIN K S

📍 Kannur ✉ ashlinks3441@gmail.com ☎ 07025623441 🔗 <https://ashlin3441.github.io/Ashlinks.github.io/>
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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 undergraduate 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.

EDUCATION

- | | |
|--|-----------------------------|
| Cochin University of Science And Technology
<i>Master of Computer Applications</i> <ul style="list-style-type: none">◦ GPA: 8.87/10 * | <i>july 2023 – May 2025</i> |
| Kannur University
Govt. Brennen College Thalassery
<i>Bachelor of Science .Physics</i> <ul style="list-style-type: none">◦ GPA: 8.74/10 | <i>july 2020 – May 2023</i> |
| Kerala Board Of Higher Secondary Education
Govt. Hss Pala, Kakkengad
<i>Plus Two</i> <ul style="list-style-type: none">◦ Percentage:94.5 | <i>july 2018 – May 2020</i> |
| Central Board Of Secondary Education
Holy Cross Pub Sch Naduvil, Kudiyanmala
<i>Class X</i> <ul style="list-style-type: none">◦ Percentage:88.8 | <i>june 2017 – May 2018</i> |

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 retrieval augmented generation combined with a graph vector database
- EnergyON Website with Chatbot Deployment— Watsonx, HTML/ CSS** july 2024
 - Developed an online marketplace for bioenergy solutions with integrated Chatbot functionality powered by IBM Watsonx.
 - Developed a user-friendly platform on which customers can purchase bioenergy products and services, enhanced customer engagement through AI-driven support on inquiries and product recommendations
 - Tools Used: HTML/CSS , IBM WatsonX

TECHNICAL SKILLS

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

INTERNSHIPS

Software Development Intern

December 2024- April
2025

WeberFox Technologies

- Developed a Client Project using MERN stack 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.

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