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Github
github.com/Arthana Salil

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www.linkedin.com/in/arthana-salil

Education

● **2024 - 2026**
Master of Computer Applications
CGPA : 6.70
A.P.J.Abdul Kalam technological University

● **2021 - 2024**
Bachelor of Computer Applications
CGPA : 71.50
University of Calicut

● **2019 - 2021**
Higher Secondary Education
Percentage : 95.08
HSS Panangad,Thrissur

● **2019**
Secondary Education
O.L.F.G.H.S , Mathilakam
Percentage : 90

Soft Skills

- Teamwork
- Adaptability
- Leadership
- Time Management

Language

Malayalam
English
Hindi
Tamil(Speaking)

ARTHANA SALIL

MCA student with a solid foundation in software development, backend programming, database management, and IoT fundamentals. Familiar with building web applications using Python, Java, MySQL, HTML, and CSS through academic and mini projects, including a Library Management System and an IoT-based mini project involving basic sensor integration and data monitoring. Gained practical industry exposure through an internship at Macom, contributing to real-world development tasks and collaborative workflows. Passionate about problem-solving, continuous learning, effective communication, collaboration, and adapting to dynamic technical settings.

Internship

June 18 - August 2 , 2025
Macom Solutions, Valappad, Thrissur, kerala

- Collaborated with the team on software development and project implementation tasks.
- Developed a chart-generating AI chatbot using Ollama LLM
- Demonstrated the ability to interpret and present data effectively using visual representations.
- Contributed to the development of a real-world safety monitoring solution focusing on accuracy and reliability.
- Acquired practical experience in analytical thinking, solution integration, and applying concepts to real-world scenarios, while also gaining exposure to structured development workflows and collaborative team practices.

January 1 - January 15 , 2024
Techmindz, Kochi infopark, kerala

Gained valuable hands-on experience with Python programming and an introduction to the Django framework for web development.

Projects

1 . Library Management System
- Built an efficient system to manage books, users, and borrowing operations.
- Designed a desktop-based interface with structured backend logic.
  Tech Stack: Java, Java Swing, Maven.

2 . IoT-Based Noise and Air Quality Observation System
- Developed a smart IoT solution to monitor industrial noise and air quality, Collected real-time data using sensors for environmental monitoring
- Tech Stack: IoT Sensors, Microcontroller.

Technical Skills

- Web Development : HTML5, CSS
- Programming : Python
- Libraries/Frameworks : Django
- Databases : MySQL, MongoDB
- Tools / Platforms : GitHub, Visual Studio Code

Certifications

- IoT Beginner level
- Business Fundamentals for Entrepreneurs(Swayam NPTEL)
- Cambridge Assessment English(Achieved level A2 in Business preliminary)
- Cloud computing-Basics to virtual machines(IIIT Kottayam & Educ kshetra)

Volunteer Experience

NSS (Active participation in National Service Scheme programs