

ATHUL BINU

Pathanamthitta, Kerala



+91 7907920027



athul25b@gmail.com



[linkedin.com/in/athul-binu](https://www.linkedin.com/in/athul-binu)



github.com/athul-binu

Education

B.Tech in Computer Science and Engineering

2019 – 2023

College of Engineering Pathanapuram, APJ Abdul Kalam Technological University
CGPA: 6.55

Pathanapuram, Kerala

Higher Secondary Education

2017 – 2019

Govt Boys Higher Secondary School, Pathanamthitta
Percentage: 76.6%

Pathanamthitta, Kerala

Secondary School Education

2017

Nethaji High School, Pathanamthitta
Percentage: 96%

Pathanamthitta, Kerala

Skills

- Programming Languages: Python
- Web Development Frameworks: Django
- Database Management: MySQL, MongoDB
- Web Development: HTML, CSS, Bootstrap, JavaScript, Figma
- Version Control: Git/Github

Projects

Employee Management System

HTML, CSS, Bootstrap, Django, JavaScript, MySQL

- Designed and implemented the database schema for efficient data organization.
- Developed front end using HTML, CSS, and Bootstrap for a user-friendly interface.
- Utilized MySQL for database management to store and manage employee information.
- Proficient in Django (Python web framework) for backend development.

Headlight Dimming System

Arduino IDE, MicroPython

- Developed a Headlight Dimming System using MicroPython for Arduino programming and ESP32/NodeMCU.
- Utilized MicroPython for efficient Arduino programming on ESP32 for real-time responsiveness.
- Implemented a Telegram bot for remote control and monitoring.
- Incorporated ESP32 Cam for capturing images of vehicles violating the light sensor threshold.

Languages

- English
- Malayalam

Certifications

- Introduction to Python workshop organized by CSI.
- Workshop on Internet of Things.

Organization

ICFOSS Media Unit

ICFOSS Cell

College of Engineering Pathanapuram

2020 – 2023