



ALWIN K G

PERSONAL INFO

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Github

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TECHNICAL SKILLS

Programming Languages

Python
Javascript
Java
HTML, CSS
Python Django
Angular Python
MATLAB
Git
Data Science
Cloud Computing

Subjects of Interests

Object Oriented Programming
Data Structures
Data Science
IoT

SOFTSKILLS & INTERESTS

Leadership
Managing
Flexible
Effective Communicator
Reading
Football

LANGUAGES KNOWN

English
Malayalam

EDUCATION

2023-Present	Master Of Computer Application <ul style="list-style-type: none">Ilahia College Of Engineering & TechnologyA P J Abdul Kalam Technological University (KTU)	8.64/10
2020-23	Bachelor of Science in Electronics <ul style="list-style-type: none">Prajyoti Niketan CollegeUniversity Of Calicut	6.65/10
2018-20	Higher Secondary Education in Biology Science <ul style="list-style-type: none">C J M A H S SchoolKerala Department of Higher Secondary Education (DHSE)	78%
2018	Secondary Education <ul style="list-style-type: none">Vimal Jyothi Central SchoolCentral Board of Secondary Education (CBSE)	83%

COURSES & CERTIFICATIONS

Workshop on Cyber Security and Ethical Hacking

Half day hands on workshop conducted by Blue Shell technologies

Python Essentials 1 (CISCO Networking Academy- Online)

Provided by Cisco Networking Academy in Collaboration with OpenEDG
Python Institute

OOPS in JAVA

Free Course provided by Great Learning Academy

Java Programming

Free Course provided by Great Learning Academy

MATLAB Onramp

Provided by MathWorks training service

Data Science

Training program at CODTECH IT SOLUTIONS

Cloud Computing

Provided by NPTEL Swayam

ACADEMIC PROJECTS

Edu.Inv (Web development) – Mini Project (MCA), 4 Months

Team Size: Individual

- Established a streamlined application process for educational loans, reducing average processing time from 10 days to 3 days; improved user satisfaction ratings by 40% through enhanced communication features and user friendly interface
- Technology used: Python Django, HTML, CSS, JavaScript, SQL lite

BuyItNow (Web development) – Personal Project (MCA), 3 Months

Team Size: Individual

- An E-com website for shopping electronic products
- Technology used: Python Django, HTML, CSS, JavaScript, SQL lite

Smart Traffic Signal System (IoT) – Main Project (Degree), 6 months

Team Size: 5

- Developed an innovative IoT project that automated a traffic signal system using Arduino, enhancing urban traffic flow efficiency and contributing to findings aimed at fixing the causes of crashes in local intersections.
- Technology used:
Hardware – Motion sensor, RFID reader, Arduino UNO R3
Software – Arduino Programming

Mini Incubator (IoT) – Mini Project (Degree), 4 months

Team Size: 2

- Engineered a comprehensive IoT solution utilizing Arduino UNO R3 for precise temperature tracking; implemented alert systems leading to immediate corrective actions when thresholds were exceeded.
Technology used:
Hardware – Temperature sensor (LM35), LCD Display, Arduino UNO R3
Software – Arduino Programming