

Ashby Oommen Sam

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EDUCATION

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY(APJKTU)

Mount Zion College of
Engineering, Kerala, India June
2022

CENTRAL BOARD OF SECONDARY EDUCATION

(All India Secondary School Examination)

St John's Senior Secondary
School, Kerala, India
June 2018

LINKS

Github://
[https://github.com/1234-
ashby- 1234/Ashby](https://github.com/1234-ashby-1234/Ashby)
LinkedIn://
[https://www.linkedin.com/in/a
shby-oommen-sam-
2448b3183](https://www.linkedin.com/in/ashby-oommen-sam-2448b3183)

COURSEWORK

UNDERGRADUATE

Digital Electronics
Electronics and Circuits
Analog Signal Processing
VLSI Design
Control Systems
Object-Oriented Programming
Power Electronics

SKILLS

Hardware Knowledge
Embedded C
Python
C++

ACADEMIC PROFESSIONAL EXPERIENCE

KELTRON KERALA STATE COMPANY (JULY 2019)

Embedded System: Area of exposure in Microcontroller Programming, System Architecture Design, Design Optimization, Embedded Systems, and Robotics.

FORAGE VIRTUAL INTERNSHIP EXPERIENCE (JULY 2021)

The internship focused on the development and building of a game using Python and C++ programming language on behalf of the Electronic Arts game development company.

COURSERA

Build and Deploy AI Messenger Chatbot Using IBM Watson a course on behalf of Coursera Project Network.

FREE CODE CAMP

Done project on Data science to get understood on python programming language and SQL. <https://freecodecamp.org/certification/fccf2baab7d-6bb9-4ed2-a03a-4e6213e3221d/data-analysis-with-python-v7>

KPMG AU DATA ANALYTICS VIRTUAL INTERNSHIP Explored Data Analytics and its improvements.

PROJECT

ACADEMIC PROJECT ON LPG LEAKAGE REVELATION AND DETECTION USING IOT:

- The paper presented a gas leakage alert system to detect gas leakage and to alarm the people onboard. IoT is the major technology used in this project to ensure both security and safety so that the technology can be used in households and large-scale industries.
- Embedded C is the programming language used in the project.

ACHIEVEMENTS

- Selected as a Delegate of **Harvard Project for Asian and International Relations (HPAIR)** Virtual Summit 2023.