

SHERIN ALMAS MV

Python Full stack Developer

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PROFILE SUMMARY

- Skilled Python Developer
- Electronics and Communication Engineer

Technical Skills:

- Web Development
 - Front-end Developer: (HTML, CSS, JAVASCRIPT, JQUERY, BOOTSTRAP)
 - Back-end Developer: (PYTHON)
 - Web Frameworks (DJANGO, FLASK, ANGULAR)
- Database: SQL ,MySQL
- Software Development (JAVASCRIPT, PYTHON)
- Electronics and Communication Engineering
- Microsoft Office
 - Excel
 - Word

Soft Skills:

- Communication skills
- Timekeeping
- Leadership skill (was the project leader at college team)
- Critical Thinking
- Motivation

WORK EXPERIENCE:

Quest Innovative Solutions, Calicut: Python Full-stack developer trainee (present).

PROJECTS:

- I. Portfolio making
- II. Calculator using tkinter
- III. Chessboard using JavaScript
- IV. Registration form making and validation

Govt.Engineering College Wayanad B.tech ECE (2011-2015):

ACADEMIC PROJECTS:

I. Robotic Arm Based On FPGA

- ✚ The purpose of this project is to design and build a control system with **FPGA** chip to control the movement of a robotic arm using **Verilog** code.
- ✚ The whole system composed of a controller system and driver circuits.

II. Sorting Machine Based On FPGA

- ✚ Study of the construction of a robotic arm as a color sorting machine based on **FPGA**, to separate objects based on their color.
- ✚ The system is composed of 5 DC motors to control the arm movement, color sensing module and a comparator section.
- ✚ For each color, the sensor will produces an output voltage and is then compares with a predefined reference voltage in the comparator.

III. Virtual Reality And Autism Spectrum Disorder

- ✚ This topic is focusing on the development and application of **Virtual Reality (VR)** based eye tracking system for children with Autism Spectrum Disorder (ASD).
- ✚ The developed system can communicate with the patients and detect variations in one's eye-physiological features and thereby, the doctors can provide better treatment for them.

INDUSTRIAL EXPERIENCE:

BSNL, Year 2013, TELECOM TECHNOLOGY:

- I. Modulation Techniques
- II. Switching System
- III. Switching and signaling access network
- IV. Communication Standards(1G, 2G,3G,4G)

Skill development training: Got training for IELTS (2020)

ACADEMIC QUALIFICATION:

- B.Tech ECE: Govt.Engineering College, Wayanad (Kannur University), 2011-2015, (69%)
- 12th: N.N.M.H.S.S Chelembra, Malappuram Dt, (Biology Science), School topper
- 10th: N.N.M.H.S.S Chelembra, Malappuram Dt, (School topper)

AWARDS AND ACHIEVEMENTS:

- Best project presentation in ECE batch
- Participated in the Texas Instruments India Analog Design Contest in 2014
- Best seminar presentation during 12th standard
- Best student award during high school level
- Best singer in college art fest

LANGUAGES KNOWN:

- Malayalam
- English
- Hindi