

RIYA WILSON

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RIYAWILSON
FUJAIRAH
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Career Objective:

I aspire for a challenging position in a professional Organization where I can showcase my skills and strengthen them in conjunction with Organization's goals.

Professional Experience:

Quest Innovative Solutions, Kochi, Kerala.

Embedded Trainee (November 2017-March 2018).

- Designed & Developed **Embedded systems based on needs.**
- Hardware designing and implementation of projects in **PIC, ARM, and AVR.**
- Managed to learn the coding in **C and Python.**
- Familiarized with **Embedded Linux and device drivers.**
- Familiarized **Robotics and Orcad circuits.**
- **Raspberry PI**

PROJECTS:

Project Title: ADVANCED SMOKE DETECTOR

Used: Keil, Proteus and Think speak.

Advanced smoke detector is a system for smoke detector is combined with IOT and RFID card reader. Details of the person are read under observation and displayed using RFID card reader and the output is being uploaded into the server using a ESP8266SOC. The uploaded data is recorded and displayed as a line graph along date and time.

Technical Expertise:

Language: Python, C.

Software Proficiency: Programming in Embedded C for PIC 16F, Embedded LINUX, ARM, AVR & RTOS, Raspberry PI.

Educational Qualification:

Course	University/Board &Institution studied	Year of passing	Mark(%)
PG Diploma (EMBEDDED SYSTEM)	Quest Innovative Solutions	March 2018	WORK EXPERIENCE
B.TECH(ECE)	Sahrdaya college of Engineering and Technology,Kodakara	June 2017	FIRST CLASS
HIGHER SECONDARY SCHOOL	Our Own English High School,Fujairah,UAE	March 2013	70%
SECONDARY SCHOOL	St,mary's High school ,Fujairah,UAE	March 2011	78%

Academic Projects:

Main project: ADVANCED SIGN LANGUAGE

Description: Mainly for Deaf and Dumb people.

Mini Project: SWARM ROBOTICS.

Description: Used as carrier in military, medical, agriculture etc.

Interpersonal skill:

- Ability to rapidly build relationship and set up trust.
- Confident and determinant.
- Ability to cope up with different situations.

Workshops, industrial visits and internships:

- ☐ Attended 3 day workshop in ACHARYAJI TECHNOLOGIES.
- ☐ Completed internship at NEST CYBER CAMPUS
- ☐ Industrial visits-
- ☐ HAL Bangalore
- ☐ OSTRICH MOBILITY INSTRUMENTS PVT.LTD Bangalore
- ☐ ACE COMPONENTS Mysore
- ☐ VWF INDUSTRIES Mysore
- ☐ HMT Ernakulum

Achievements:

- ☐ Participated in Srishti 2017- **National level Technical Exhibition & Competition** at Saintgits college of Engineering.
- ☐ Participant in Palmarius the techno-managerial symposium of Sahrdaya College of Engineering & Technology.
- ☐ Actively involved in organizing and managing key events in school.
- ☐ Class representative during school days.
- ☐ Prizes in interschool school competitions for dance.
- ☐ Prizes in school level sports competitions.

Personal Details:

Date of Birth: 08-10-1994

Nationality: Indian

Languages Known: English, Malayalam

Marital status : Unmarried

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place : FUJAIRAH

Date : 07.03.2020

RIYA WILSON

