

ASHIL RAVINDRAN

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EDUCATION

TKM COLLEGE OF ENGINEERING, KOLLAM

KOLLAM

B Tech –2019-2023

Electronics and Communication Engineering

Aug 2019 – July 2023

Cumulative GPA: 7/10

KHSS GOVT HIGH SCHOOL – 2016-2018

|| 12th - 81% ||

KPCM SREE NARAYANA VIDYALAYA – 2004 – 2016

|| 10th - 86% ||

INTERSHIPS

- Internship cum Project on Air-Fiber Technology based Communications with i-net Solutions.
- CDAC internship
- Sparks Foundation Internship

UNIVERSITY PROJECTS

MAJOR PROJECT

AIR FIBRE TECHNOLOGY BASED COMMUNICATION SYSTEM FOR REMOTE AREAS

Dec 2022

- Designed and implemented a communication system based on air-fiber technology provided by Service Provider BSNL.
- Provided users from a remote hilly region with no internet access to internet and telephone communications facilities.
- Enabled villagers with medical assistance through internet in case of emergency.
- Enabled quick reach for help during natural calamities.

MINI PROJECT

SMART SAFETY HELMET FOR TWO WHEELERS

SEP 2022

- Designed and implemented a SMART SAFETY HELMET, Works as a Emergency SOS System made on Arduino UNO platform in 4-person team
- Life loss due to two-wheeler accidents reduced by quick and timely medical assistance with help of system provided exact location.

TECHNICAL SKILLS

Programming languages like Python, C-programing, Java; MS Excel, ML, Data Analysis, Front End Development

Language: Fluent in English, Hindi, Malayalam; Conversational Proficiency in English, Hindi, Malayalam, Tamil

Certifications and Training

- Certification in Foundations of Project Management by Google (Coursera)
- Certification in Fundamentals of Digital Marketing by Google (Coursera)
- Certification in Online Course in Python Programming by University of Michigan
- Online Course in C programming fundamentals by University of California, SANTA CRUZ
- Online Course in HTML CSS by Michigan University

ACTIVITIES

- Coordinated and organized techno cultural events in college as an organizing committee member.
- Hestia Event Coordinator

IET SOCIETY

Committee Member

- As a IET member organized and conducted exhibitions and department level Expos during techno cultural fests as a goal to improve technical and critical thinking ability of students.