JAYRAJ ROSHAN

Personal Details

DoB : 30.10.1998
Nationality : Indian

Technical Skills

- **Electronics**
Circuit designing, PCB Designing and Fabrication

- **Internet of Things**
Arduino, ESP8266, ESP32, Raspberry Pi, Pi Cam, MQTT, LoRa

- **Blockchain**
Ethereum, Geth, Hyperledger Besu, Solidity

- **Web Development**
HTML, CSS, JavaScript

- **Programming Languages**
C, C++, Python, Node.JS, Go

- **Other skills**
Linux, Git, VS Code, Management, Adobe Lightroom

Languages Known

- English
- Hindi
- Bengali

Academic Record

B.Tech.— ECE (81%)

Hobbies

Reading, Photography, Cooking, Music

CONTACT DETAILS

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ABOUT ME

An Electronic enthusiast with a passion for learning new things. I have always been fascinated by electronics, and technology in general. I am quick to learn new skills and am open to new ideas. I want to apply my skills to real-world problems and help people.

WORK EXPERIENCE

The Project Team   **September 2017 - Present**
Worked on various projects encompassing diverse fields.
The domains I have worked on encompass connected electronics, IoT, Blockchain, PCB designing, among other things. I am currently the Technical Head of the team.

TEKNICUS   **September 2018 - Present**
TEKNICUS is an outreach program where we tied up with a school to teach and welcome the students to the world of electronics.
Taught students about the basics of electronics and Arduino.

Altran Technologies   **June 2019 - July 201**
Worked on Wireless Sensor Networks as a part of internship in the above mentioned company.

PROJECTS

- Smart home solutions
- Gesture based music control
- Intruder alarm system
- ORION: Smart Helmet
- Open-IoT
- AutoMate
- Road Condition Monitoring System (RoCMon)
- Mesh sensor network with LoRa
- Public Distribution System using IoT & Blockchain
- Voting System Using Ethereum

ACHIEVEMENTS

- Received funding from SRM IST (₹ 50,000)
- Received funding from Ministry of HRD under the Unnat Bharat Abhiyan (₹ 1,00,000)
- First runner-up in Ctrl+Alt+Code IoT Hackathon 2019
- Finalists for Siemens MakeIt Real Hackathon 2018
- Finalists For CodieCon 2019
- Finalists for NEC Hackathon 2019
- Regional finalists for Tata Crucible Hackathon 2019
- Top 100 in KPIT Sparkle 2019