Rohith Balaji

Chennai, Tamil Nadu

https://therohith.com | me@therohith.com | +91 - 8110960609

Education

High School

Vidya Peetam Sr. Sec. School – Sholinghur – **2013**

Shrishti Vidyashram – Katpadi – **2013 – 2015**

Undergraduate

B. Tech. Electronics and Communication Engineering – VIT Chennai – **2015 – 2019**

Experience

Kilobyte Tech Solutions

Chief Technical Officer, Chennai, Tamil Nadu [2016 – 2019]

Worked with corporate to develop computer vision for Smart Vehicles. Developed Internal Operations Management for a printing company. Worked with corporate to create internal communications app.

Debug the Duino

Administered Linux Server, Designed UI, Backend and Test Taking environment for an online college event with over 600 participants.

Projects

LoRa based full IoT flow control Solution

Designed Hardware implementation of the LoRa technology for IoT and a full flow control solution with RESTful APIs, MVC (Angular) frontend and a MongoDB backend.

Automated Irrigation Control System

8051 based Soil moisture and Weather feedback and control loop system.

Real-Time Electromyography Monitoring

RaspberryPi, EMG Module – Real time signal processing and IoT cloud link with monitoring dashboard.

Skills

Languages

Assembly, C/C++, HDL[Verilog], Python, Java, HTML/CSS, JavaScript/jQuery, PHP, SQL, Swift, Rust, Go, Bash, Dart

Frameworks

Node.js, Flask, Laravel, Ionic, Cordova, Angular (JS/Dart), React, Next.js, GraphQL, React Native, NativeScript, Flutter, ExpressJS, OpenCV, TensorFlow

Tools

MATLAB, Scilab, Git, Subversion, Keil uVision, Arduino, Cadence Virtuoso, Android Studio, XCode

Servers, Clouds and Deployment

Linux Server, Docker, Serverless, Amazon Web Services, Google Cloud IoT, ThingSpeak

Graphics

Photoshop, Premier Pro

Interests

Embedded Systems, AI / Machine Learning, Web/App Development

Languages

Tamil, English, Hindi [Novice]

Links

github.com/rohithcis

linkedin.com/in/rohithbalaji

fb.com/rohithcis

twitter.com/lordrohith

instagram.com/rohith.cis

quora.com/profile/Rohith-Balaji