

EDWIN ABRAHAM THOMAS

PROFILE

Focused on using my skills and expertise on adding value to the team and the company. Also, keen on expanding my horizon to improve the quality of my contribution.

EDUCATION

PERSUING BATCHELOR'S DEGREE IN ELECTRONICS AND COMMUNICATION ENGINEERING (2018-2022)

Christ (Deemed to be University)

Bangalore, Karnataka

Aggregate Percentage (6 Semesters) : 72.75

12TH STD

Don Bosco Higher Secondary School,

Puthuppally, Kottayam, Kerala

Percentage: 86%

10TH STD

BMM Higher Secondary School,

Pampady, Kottayam, Kerala

Percentage : 79%

PROFESSIONAL SKILLS

C Programming

Embedded C

Python

MATLAB

Verilog

Amazon Web Services

CERITFICATES

EMBEDDED C

Mastering Microcontroller and Embedded Driver Development

PYTHON

(Crash Course For Python by Google)

<https://coursera.org/share/43830f20232b5ff0ccc468874e5f553c>

CONTACT

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PROJECTS

FOLLOW-ME TROLLEY

Follow-me trolley was a trolley designed to follow the path of its user. The project is still under development. GPS and image processing was used for the 'follow' functionality. The GPS coordinates of the user's mobile were streamed to the trolley using Bluetooth and an onboard GPS module calculates the turn angle. To make the following more reliable, live image tracking using webcam is under development. Open cv is used for the object tracking and is tested using RaspberryPi.

IOT SWITCHBOARD

Interfacing an ordinary switchboard with the smartphone using Bluetooth and controlling the state of the appliance. This was done using a state sensing circuit and relay module.

WEB APP

Web application for analyzing working hours. The front end was developed using HTML, CSS, and JavaScript. And backend was developed using Amazon Web Services (AWS). AWS services used were AWS API Gateway, AWS Lambda, and Dynamo DB for backend processes. AWS Amplify was used to host the frontend. Link of web app: <https://analyzer.d34brprvsxkkdq.amplifyapp.com/>

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