ANUBHAV DUTTA

EMBEDDED SOFTWARE ENGINEER | KOLKATA(NATIVE), PUNE(EMPLOYED), INDIA | 9748959439

DETAILS

Kolkata(Native),
Pune(Employed)
India
9748959439
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LINKS

https://luke-anubis.vercel.app/

SKILLS

Hardware Description Languages:
Verilog

Programming/Markup Languages:
Java
C
C++
JavaScript
HTML5
CSS3
Python

Frameworks acquainted with:
NodeJS
Bootstrap
Git
Flask
Arduino
Platform IO

Protocols worked on:-
UART
I2C
MQTT
LoRaWAN

PROFILE

I am an avid Embedded Systems and IoT enthusiast with a good background in electronics design. My expertise lies in microcontroller programming, IoT solutions, and electronics design, and I am dedicated to continuous learning. I thrive on solving complex challenges and aspire to contribute my skills to cutting-edge technology projects that bridge the physical and digital realms.

EMPLOYMENT HISTORY

Graduate Engineer Trainee at L&T Defence, Pune
July 2023 — Present

- Specializing in Radar Systems and Electromagnetic Interference/Electromagnetic Compatibility (EMI/EMC).
- My role involves radar system design, EMI/EMC compliance, and collaborating across departments.
- Technologies Used: Siemens NX UGNX, Zuken E3, ActCAD, QT5

INTERNSHIPS

Project Management Intern at Siemens Mobility India, Gurgaon
July 2022 — August 2022

- Learning ways of Project Management in Siemens Mobility – How Siemens Mobility works and what services do they provide
- Making SharePoint Pages for Project Managers/ Commercial Project Managers Competency management
- Tools Used: SharePoint, Excel, Requirement DOORS, PowerBi

Assistant Software Engineer at Artificial Learning Systems, Kolkata
January 2022 — March 2022

- I was tasked with creating a remote-controlled 3-axis OCT (Optical Coherence Tomography) device with low latency and high accuracy. This device enables doctors to diagnose Diabetic Retinopathy early and receive real-time annotations and advice from various locations.
- Frameworks used: Socket IO, AngularJS, Arduino IDE

IoT Application Developer at Bufo Innovations Pvt. Ltd, Kolkata
December 2021 — January 2022

- Designed and implemented an IoT Gateway integrating Modbus RS-485 for monitoring energy meters and industrial sensors.
- Used hardware components: Atmega2560, MAX485, DS3231.
- Wrote Firmware to fetch, parse, and transmit data via NB-IoT using AT-commands.

EDUCATION

Higher Secondary Education, WWA Cossipore English School, Kolkata
April 2017 — April 2019

Completed the ISC with 92.5 percentage

Bachelor of Technology, Kalyani Government Engineering College, Kalyani
June 2019 — July 2023

CGPA score: 9

PROJECTS

Fault Detection System Using OpenCV and MQTT
https://github.com/anubhav666/Fault-Dectector

8-Bit ALU Design Using Verilog in Vivado
https://github.com/anubhav666/8-Bit-ALU-Design

ACHIEVEMENTS

- **Siemens Scholar 2019**