

Anubhav Dutta

Pune, Maharashtra

✉ anubhavd666@gmail.com

☎ (+91) 9748959439

🌐 linkedin.com/in/luke-anubis

🌐 luke-anubis.vercel.app

EXPERIENCE

L&T Precision Engineering Systems.....

System Design Engineer

Jul 2023 - Present,

Pune, Maharashtra

Radar Power Systems

- Specializing in Radar Power Systems, involving switch-gear selection for individual units, cable routing, harness chart preparation.
- System scheme preparation using Zuken E3, general arrangement preparation using AutoCAD, cable routing in system layout using Siemens UGNX.
- Collaborating cross-department and with vendors, suppliers to prepare technical specifications of units and components.

Product Life-Cycle Management

- Part creation along with their specifications, involving decisions like EMI/EMC compatibility, obsolescence date calculation.
- Making BOM for Power Distribution Units(PDU), Panels and junction boxes.

Tools used: Dassault 3DEXPERIENCE ENOVIA, Siemens NX UGNX, Zuken E3, AutoCAD, QT5

Siemens Mobility India.....

Project Management Intern

July 2022 - August 2022,

Gurgaon, Haryana

Competency and Compliance Management

- Developing sharePoint pages for project Managers/ commercial Project Managers competency management, compliance management using IBM Engineering Requirement Doors.

Tools used: MS Sharepoint, MS Excel, PowerBi, IBM Engineering Requirement Doors

Artificial Learning Systems.....

Assistant Software Engineer Intern

January 2022 - March 2022,

Kolkata, West Bengal

Remote Annotation System for Diabetic Retinopathy Centre

- Developed real-time operable webpage using AngularJS, SocketIO.
- Built joystick based controllable 3-axis frame using ESP32, and RaspberryPi utilising RTOS.

Frameworks used: SocketIO, AngularJS, RTOS, ESPIDF, Linux

Bufo Innovations Pvt. Ltd.....

IoT Application Developer Intern

December 2021 - January 2022,

Kolkata, West Bengal

Narrow Band IoT gateway for energy meters

- Developed code, assembled hardware prototype, made schematics for IoT Gateway linking to PLCs using Modbus RS-485 for monitoring energy meters and industrial sensors.
- Optimised code using ArduinoJSON to send minimised payload enabling narrowband communication to AWS database fetching the payload.

Frameworks used: Arduino, EasyEDA, KiCAD, Linux

SUMMARY

I'm an avid Embedded Systems and IoT enthusiast with a good background in electronics design. My expertise lies in micro-controller programming, IoT solutions and electronics design. I am dedicated to continuous learning.

SKILLS

Back End	Javascript, Java
Front End	HTML, CSS, JavaScript
Embedded	C, C++, Python
Frameworks	NodeJS, AngularJS
Protocols	UART, MQTT, BLE, RTOS
Misc	Verilog, KiCAD

EDUCATION

Kalyani **West Bengal, India**

Government

Engineering

College

Bachelor of Technology - ECE

GPA: 9/10

ACHIEVEMENTS

Siemens Scholar 2019

SMSCP Level 1 Qualified

- PLC Ladder Programming
- SCADA Basics

LANGUAGES

- English (Fluent)
- Hindi (Fluent)
- Bengali (Native)

PROJECTS

- Fault Detection System
- 8-Bit ALU Design