



Ansil Bayan

Roll No.: B200197EE

B.Tech

Electrical and Electronics Engineering

National Institute of Technology, Calicut

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Kerala, India

GitHub Profile

LinkedIn Profile

EDUCATION

•National Institute of Technology, Calicut

2021-25

B.Tech in Electrical and Electronics Engineering

CGPA : 7.51

•GHSS Thirurangadi

12th Percentage: 97.3

CBSE, Kerala

10th Full A1

EXPERIENCE

•TURING

Jan 20, 2025 -

Research Analyst - LLM Advanced Math

- Trained Large Language Models using Mathematical reasoning.
- Worked with xAI in training 'Grok3 Math Reasoning'.
- Solved Complex Problems involving Mathematical Engineering skills and explained the process step by step to Chatbots on a daily basis.

•NPOL Cochin, DRDO

May 16 - June 27, 2022

Intern

- Worked on the "Password Matching Front End for Acoustic Demodulator project, involving the design and implementation of a password matching algorithm in a PIC18F microcontroller.
- Developed a low-power analog demodulator circuit using AD633 analog multipliers and an operational amplifier, integrated with a 4-bit decoder system and microcontroller-based password matching system.

•IIIT Kottayam

Dec 1, 2021 - June 1, 2022

Trainee Intern

- Developed a lightweight symmetric encryption algorithm, facilitating encryption of text and diverse image formats.
- Undertook a detailed performance evaluation of the algorithm, benchmarking its throughput and avalanche effect against prevailing encryption methods.

•Tathva 2022

Senior Executive Head in Tathva Programming Committee

- Successfully planned, organized, and executed various electronics-related events, attracting enthusiastic participation and achieving remarkable success.

PERSONAL PROJECTS

• Multiplayer Puzzle Game Webpage

Developed a multiplayer puzzle game web page using HTML, CSS and JavaScript, featuring an unbeatable AI engine and customizable difficulty levels.

• Python Puzzle Games Collection with User-Friendly GUI

Designed and implemented various puzzle games like Tic Tac Toe, Sudoku Solver, and Split using Python, accompanied by a user-friendly interface built with Python GUI.

• Portfolio Website

Created a responsive portfolio website, showcasing my skills, achievements, projects, and more.

• Hotel Management System

Developed an efficient hotel management system, including room bookings, guest information, and billing, using Python and MySQL.

• Expense Tracker Android App

Developed an Android app using Flutter and Dart for efficient expense tracking and management.

• Temperature Prediction and Analysis using ML

Utilized Machine Learning to analyze past temperature data and predict temperatures for upcoming years.

TECHNICAL SKILLS

Proficient in Python, Pytorch, TensorFlow, NLP, HTML, CSS, JavaScript, Flutter and Dart, MySQL, ROS2 and MicroROS, Embedded C, Git, LaTeX, Docker, and experienced in Web Development, App Development, and Circuit Design.

Software Proficiency: Proficient in SAP ERP, SAP business suite, Visual Studio Code, Matlab, Proteus, LTSpice, Arduino IDE, ESPIDF, Jupiter Notebook, EasyEDA, KiCAD, FluidNC and MPLAB IDE.

ACHIEVEMENTS

• 6-Star in HackerRank for Problem Solving