

FELIX SABU

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EDUCATION

Mar Athanasius College of Engineering Kothamangalam

B.Tech in Computer Science and Engineering

Jul 2021 – May 2025

Kothamangalam, India

JJMM HSS Yendayar

Kerala DHSE - Biology Science

May 2018 – Apr 2020

Yendayar, India

COURSEWORK / SKILLS

- App Development (using Flutter)
- Problem Solving
- Web Development
- UI/UX Design

PROJECTS

Smart slot assignment system for urban EV charging [↗](#) | Python, Flask, Mysql

Jun 2024

- An integrated web-based solution using real-time data and Python Flask for efficient management and allocation of electric vehicle charging resources in urban areas.

Amazone Clone [↗](#) | MERN stack

Aug 2023

- Develop a React-based Amazon clone with user authentication, product listings, shopping cart, checkout, payment integration, and admin features.

AI-Based Dental Shade Matching and Cavity Detection [↗](#) | ML

Oct 2024

- A dental shade matching ML project that predicts the closest tooth shade by comparing images to a 16-shade palette using Support Vector Machine (SVM) classification.

Earthloop [↗](#) | Flutter

Feb 2024

- Mobile application for properwaste management.

Campus Roots [↗](#) | Flutter

Aug 2024

- Campus Roots is an app that bridges the gap between students and alumni, providing a platform for networking, project assistance, and insights into the current IT industry trends.

PUBLICATIONS

Smart Slot Assignment for Urban EV Charging Using Folium API Integration [↗](#) |

May 2024

- International Journal for Research in Applied Science and Engineering Technology. Volume 12, Issue V

INTERNSHIP

Spectrum Software Solutions pvt ltd [↗](#)

02 May 2023– 17 May 2023

Ernakulam, India

- * Internship on App development using Flutter

TECHNICAL SKILLS

Languages: Python, C, Java, Dart, JavaScript, SQL,HTML/CSS

Developer Tools: VS Code, Android Studio

Technologies/Frameworks: Linux, GitHub, ReactJS, NodeJS, Flask, Mongo, Flutter,MySQL

Workshops

- NodeJS with Express & MongoDB - Udemy
- Participated in IEEE extreme coding compatetion 2022
- Wokshop on Machine Learning conected by GDSC mace on 2nd march 2023
- Workshop on the topic Web Development and design conducted by NIT calicut
- Workshop on New trends in software testing conected by Spectrum software solutions pvt ltd