

ALWIN JOHN

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EDUCATION

Bachelor of Technology, College of Engineering Chengannur

Expected 2023

Relevant Coursework: Data Structures and Algorithms, Database Management Systems

SKILLS

Languages:

Java, JavaScript, Dart, Python, C

Libraries & Frameworks:

ReactJS, NextJS, styled-components, Flutter

Platforms & Tools:

LaTeX, Linux, Firebase

Databases:

MySQL, MongoDB, Cloud Databases

WORK EXPERIENCE & OPEN SOURCE CONTRIBUTIONS

Media Cell (CEC)

May 2022 - Present

Web Developer

Kerala, India

- Optimized SEO Performance of the website from 0 appearances in search results to top 1
- Managing the official website of the College Of Engineering Chengannur by bringing necessary changes to improve the User Experience

FOCES

October 2021 - July 2022

Webmaster

Kerala, India

- Implemented ScholarFox Open-Source project, which is a Scholarship and Job listing website for the students to provide updates regarding new opportunities and scholarships by leading a Team of 3
- Used best practices in JavaScript, React.js, and Next.js to develop web pages based on a website design

Fronted End Developer (Internship)

September 2021 - December 2021

Bridge

Kerala, India

- Built an EdTech Admin Panel from Design to Development using ReactJS and Material UI by working with the Software Development Team.

TinkerHub Foundation

July 2021 - December 2021

JavaScript Learning Facilitator

Kerala, India

- Redesigned and developed the learning path Open-Source website using HTML, CSS, and JavaScript by working with the web team and UX Team

TinkerHub CEC

May 2021 - January 2022

Tech Lead

Kerala, India

- Introduced an Open-Source app called 'Shelf' and worked on it as a Flutter Developer. For 6+ months with a team of 10 using several tools such as git for version control, Django for backend, Flutter for Frontend, and AWS S3 for storage service to create, track, and organize events

Devcom

February 2021 - December 2021

Frontend Web Developer

Kerala, India

- Built and Launched the Official Website of IEEE SB CEC in 6 months collaborating with the Web Team of Devcom as a Frontend Developer using React.js, Next.js, and styled-component skills

PROJECTS

Blinkin' Morse (*Flutter*) - [Link](#)

- Implemented an open-source project, a mobile app for converting text to morse code and flashing out the code pattern with the flashlight of the mobile device.

Learning Path Website (*HTML, CSS, JavaScript*) - [Link](#)

- Built an open-source virtual library with different paths or roadmaps listed, which a student can follow at any point in their journey of learning tech.

Shelf (*Flutter, Django, Amazon Web Services*) - [Link](#)

- Introduced an open-source app called 'Shelf' and worked on it for 6+ months as a Flutter Developer with a team of 10 to create, track, and organize events

V-CEC (*Flutter, Firebase*) - [Link](#)

- Developed an open-source mobile app to keep students updated with the institution notices, forum activities, and university notifications using Flutter and Firebase.

TEACHING & VOLUNTEERING EXPERIENCE

- **Resource Person - Summer Internship Program:** Mentored 80+ students from different schools in Kerala on the topics of Web Development and App Development using Flutter as a part of the Earn While You Learn - Summer Internship Program organized by the College of Engineering Chengannur
- **Web Development Mentor at IEDC:** Mentored students as part of the Weboski 6-Day Bootcamp conducted by IEDC for the First Years Students. Teaching students to Create pages using HTML, CSS, and version control using git and host them using GitHub Pages. 25+ Projects built as part of the Weboski Bootcamp
- **JavaScript Learning Facilitator:** Taught around 4000+ members at TinkerHub Community on the topic 'How to Google is like a pro' and some things to keep in mind as a developer while building a project

ACHIEVEMENTS

- Selected in the GitHub Campus Expert Program from among 10,000+ students worldwide with an acceptance rate of less than 1%
- Solved 100+ problems on LeetCode
- Implemented the project RoboSight, which received funding from the IEEE Region 10 Student Activities Committee (SAC) special call for proposals connected to COVID-19
- Achieved the rank of 1396 globally at IEEE Xtreme 14.0