

Alwin John

Frontend Engineer

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I believe in the principle of 'Love what you do.' I am an experienced front-end software engineer focused on building accessible applications. Proven track record of contributing to FOSS projects with over 2000+ GitHub contributions. I am also a GitHub Campus Expert with mentoring experience. I have solved over 400+ problems across platforms like LeetCode, HackerRank, and CodeWars. I love to code, write, build software, and discuss good UX practices. I hold a B.Tech degree in Computer Science and Engineering with a First Class with Distinction and a CGPA of 8.36.

Education

College of Engineering Chengannur 2019 - 2023
B.Tech in Computer Science and Engineering and a CGPA of 8.36 Alappuzha, India

Relevant Coursework: Data Structures and Algorithms, OS, Machine Learning, Web Programming, OOPs using Java, Computer Network, Management of System Software, Database Management Systems, AI

Skills

Languages/OS: JavaScript • Golang • Dart • TypeScript • GraphQL • Python • Java • C • SQL • HTML • CSS • PHP • LaTeX • Android • Bash • Windows • Ubuntu • iOS • macOS

Libraries/Frameworks: React.js • Angular • Next.js • Flutter • Flask • Redux • Tailwind • styled-components • SCSS • SQL • Firebase • AWS • PostgreSQL • Supabase • MongoDB • Bootstrap • Material UI

Tools: Git • GitHub Actions • Linux • Docker • Android Studio • Hoppscotch • Postman • NPM • Figma • Trello • Jira • Miro • Excalidraw • Material UI

Other skills: Reading • Cross-functional collaboration • Problem-solving • Creativity • Leadership • Volunteer work • Time management • Creative activities • Technology • Communication skills • Initiative taker • Quick & Continuous Learner • Organised • Adaptability • Teamwork • Community Management • Teaching • Mentoring

Experience

Frontend Engineer July 2023 - August 2023
Kerala Police Trivandrum, India

Contributed to the development of an internal project under Kerala Police CBCID Special Branch intended to be used by senior police officials.

Designed and executed the user interface for internal project functionalities, including text recognition, summarization, and integration of audio/video wave-form components for detection using wavesurfer.js.

Frontend Developer & JS Learning Facilitator July 2021 - February 2022
TinkerHub Foundation Kochi, India

Developed an open-source library covering 38 learning paths of diverse fields, such as AI, Machine Learning, and Cybersecurity. Provided one on one mentorship for students, and taken learning sessions for over 4000+ Tinkerers.

React Developer (Internship) September 2021 - December 2021
Bridge EdTech Solutions Chennai, India

Contributed towards information architecture, wire framing, prototyping for the EdTech platform for schools and institutions.

Projects

TalentHive - Placement Portal - [Link](#)

TechStack: Next.js, Golang, PostgreSQL

Developed and launched a centralized platform for managing and streamlining the placement process for 2000+ students and TPC (Training and Placement Cell) coordinators.

Automated tasks such as drive creation and management, student application tracking, and feedback mechanisms through the platform's 12+ features, including a single-click application, notification system, one-time data collection, job application tracking, and CSV data export.

ScholarFox - [Link](#)

TechStack: Next.js, React.js, Firebase, Tailwind CSS

Implemented ScholarFox project, an open-source Scholarship and Job listing website leading a Team of 3 for the students to provide updates regarding new opportunities and scholarships.

Blinkin' Morse - [Link](#)

TechStack: Flutter, Dart, UI, UX

Developed an open-source mobile app for converting text to Morse code and flashing the pattern using the device flashlight, using Flutter and Dart as part of the TinkerHub Co-Coder Event.

Shelf - [Link](#)

TechStack: Flutter, Dart, REST API, Google APIs

Developed an open-source event and attendance tracking application called "Shelf" as part of a 10-member team. The app allows organizations to create, organize, and track events efficiently. Contributed to the project for over 6 months as a Flutter Developer.

V-CEC - [Link](#)

TechStack: Flutter, Dart, Firebase

Developed the official Open-Source Flutter application for CEC, providing students with a convenient platform to stay updated on campus events, university notifications, and other important information.

Accomplishments & Awards

Contributed to popular Open Source projects such as FreeCodeCamp's open-source mobile app (300 stars) and IBM Carbon UI Builder.

Selected as a GitHub Campus Expert on February 2022 from over 10,000 applicants worldwide. Represented one of only a handful of individuals chosen from a pool of candidates in 28 countries with an acceptance rate of less than 1%.

Volunteering

GitHub Campus Expert: Mentored 600+ students at multiple hackathons, including DefineHack 2022 Hackathon, TechnoHack 2023 and FOSS Hack 3.0, showcasing leadership, teamwork, and technical expertise to help students build and extend FOSS projects.

Web Development Mentor at IEDC: Taught first-year students as part of the Weboski 6-Day Bootcamp conducted by IEDC. Taught students to create web pages using HTML, CSS, and version control using git. The bootcamp resulted in 25+ projects built, showcasing the students' skills in web development.

JavaScript Learning Facilitator: Conducted a session for around 4000+ members of the TinkerHub Community on the topic of 'How to Google like a pro' and provided insights on best practices to keep in mind while building a project as a developer. Aimed to enhance the community's knowledge and skills in the field of web development.

Contact

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