

ANAND S

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WORK EXPERIENCE:

Senior Web Developer, [ELDII, Kerala, India](#) - Remote

November 2023 - October 2024

- Manages the Web team, optimise and enhance the company's website. Made the workflow 30% more faster.
- Developed an efficient collaborative work environment by implementing a flexible work distribution among the team.
- Coordinates interactions with other teams for better collaboration at the workspace.
- Made the website 20% faster by maintaining a better code quality and frameworks.

Chapter Lead, [Google Developer Student Clubs, College of Engineering Karunagappally, Kerala, India](#)

July 2023- July 2024

- Designed and executed various campaigns that raised awareness of various Google's platforms and tools.
- Collaborated with other chapters to conduct events and boost the Cloud campaign participations upto 50% more.
- Handled the Web team for the flagship event GDSC WoW and developed the website for the event with other leads..

Android Custom ROM Developer and Maintainer, [PixelExperience, Brazil](#) - Remote

March 2023- April 2024

- Developed and maintained the Android versions (from 12-14) for Asus Zenfone Max Pro M1 ([X00TD](#)).
- Implemented several optimisations in reducing power consumption (upto 25%) and improving performance (upto 50%).
- Properly update monthly security patches and major Android versions with enhancements and bug fixes.
- Collaborated with developers and maintainers to work on source optimizations and common kernel & HAL bring-up.

SKILLS:

- Programming Languages:** C, Bash, Python, HTML, CSS, JavaScript
- Frameworks:** React.js, Next.js, Swelte kit, Bootstrap
- Tools:** Git, GitHub, GitLab, Inkscape, GIMP, Figma
- Platforms:** VS Code, Sci-Lab, MATLAB, Xilinx, Arduino IDE, Wokwi/EasyEDA/Proteus
- Soft Skills:** Leadership, Community management, Public speaking, Team & Project management, Communication skills

PROJECTS:

- [Track my Bus](#):** World's first open source LoRa based Bus tracking system.
Worked with a team of 9 students. Handled the hardware design, PCB etching, Circuit assembly and soldering works.
Stacks used: Arduino, C, Javascript, PCB Designing, Hardware Engineering
- [Custom ROM device sources](#):** Device sources and trees for Motorola SM6375 based devices.
Brought up the device sources and trees for building Android OS for the specific Motorola devices.
Stacks used: C++, C, Makefile, Shell script, Blueprint
- [To-do App](#):** A simple yet useful Todo App with unique features and a great UI.
Unique features includes exporting tasks summary as a markdown, adding sub-tasks, editing them, etc.
Stacks used: React.js, Firebase, Firestore, CSS
- [SmartHome](#):** A simple Home automation project (BTech Mini Project).
Worked with and led a team of 3 students. Handled the Embedded programming, circuit assembly and hardware design.
Stacks used: Embedded C, ESP8266, PCB Design, Hardware Engineering, Sinric Pro
- [EMG based Prosthesis](#):** A compact low-cost solution for working prosthesis (BTech Final year Project).
Worked with and led a team of 3 students. Handled the Hardware design, circuit assembly, research and Embedded programming.
Stacks used: Embedded C, ESP8266, PCB Design, Hardware Engineering

EVENTS & VOLUNTEERING:

- IEEE PES Day 2022** - Ambassador
Organized, executed and reported various events for [Edizone](#).
Mar 2022 - June 2022
- IEEE SB CEK** - Designer & Volunteer
Dec 2021 - Mar 2023
- ETHIndia 2022 & 2023** - Participant
Developed a [Web3 decentralised chat app](#) focusing on privacy and security of users.
Dec 2022 & Dec 2023
- FOSSFest 23', FOSSClub CEKNPY** - Organizer
A One-Day interactive and informative event which promotes FOSS tools and technologies.
May 2023
- Makeathon, LBSITW** - Mentor (Front-End)
Sep 2023
- HackBells 2.0, SBCE** - Mentor (Hardware)
Feb 2024
- TinkerHack 2.0, TinkerHub CEK** - Organizer
Feb 2024
- IEDC CEK** - Designer, Web developer, CTO and CEO
Jan 2023 - Jul 2024
- FOSSClub CEKNPY** - Deputy Chief FOSS Ambassador & Mentor
Jul 2024 - Present

EDUCATION:

College of Engineering Karunagappally

BTech in Electronics and Communications Engineering, CGPA 7.81

Dec 2020- Jun 2024

Government HSS Karunagappally

HSE - 96%, SSLC - 95%

Jun 2017 - Mar 2020