SUSAN ANDREWS

COMPUTER SCIENCE STUDENT | FULL STACK DEVELOPER

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Education

Amal Jyothi College of Engineering	*Kanjirapally, Kottayam*
BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE WITH HONORS	*2020-2024*

Kerala Technical university | 9.01 CGPA

Mar Dionysius Seminary Higher secondary school	*Kottayam*
HIGHER SECONDARY EDUCATION	*2018-2020*

Kerala Board of Public Examination | 93.42%

Skills

Languages	Python, C, Java, Dart, PHP, LaTeX
Web Development	HTML, CSS, JavaScript, Bootstrap, Angular, NodeJs, Express
Databases	Firebase, MongoDB, MySQL
Tools	Git, GitHub, Postman, ChatGPT
Soft Skills	Problem-solving, Teamwork, Communication, Management, Presentation skills, Leadership,Documentation

Experience

1.Emwave Technologies
Remote

Software Developer Intern — *Present (Part-time)*

- Implementation of pseudonymous app for sharing posts
- Engineered secure user registration with JWT integration, enhancing platform safety and engagement by 30%.
- Engineered a robust backend with Node.js and Express, effortlessly managing user requests and data operations using REST API.
- Utilized Postman for API development and testing.
- Actively participating in project meetings and discussions, documentations, contributing ideas and suggestions for enhancing user experience and functionality.

2.AgrowIT
Remote

Web Developer — *Present (Part-time)*

- Led the development of a spices enquiry website , an e-commerce platform.
- Designed and crafted the homepage, prioritizing user experience and ensuring seamless navigation.
- Enhanced website responsiveness across devices and screen sizes, resulting in a remarkable 90% increase in user interaction.

3.IEEE Student Branch AJCE
Kanjirapally, Kottayam

Webmaster — *Mar. 2023 - Mar. 2024*

- Created static websites for multiple chapters, enhancing accessibility and engagement.
- Revised contents and contact sections,resulting in increased user engagement and inquiries.
- Designed workshop pages and event schedules, streamlining information dissemination and participation.

4.Cyrus Motorsports AJCE
Remote

Web Developer — *Mar. 2023 - Oct. 2023*

- Developed a static website for the club, enhancing online presence and facilitating information access.
- Modified contents and navigation bar, improving website usability and user experience.

Projects

1.Pseudonymous app

In-Progress Project

- Designing and developing APIs , Integrating mongodb database to store the details
- Authentication-JWT (JSON Web Tokens) , Handling routes and requests

2.Tail light

Angular Dynamic Website for Personalized Blogging

- Angular Framework, Firebase Data Storage, Angular Routing,CRUD operaions

3.FaceVue

Real time face analytics system which uses user demographic to play advertisement for target audience .

- Integrated mongodb to store the details of real-time face detection (obtained through DNN model and python), like count, costs, advertisement details, time , for ensuring the audience engagement and transparency in cost calculations

4.Medminder

Voice assistant pill remainder app to keep track of perfect medicine schedules.

- Designed and developed user interface components , the home and profile pages
- Programmed messaging system for the caretaker of the patient

5.Lung Cancer Detection

Model which analyses the input and detect the presence of lung cancer

- Project developed as a part of Honors course in machine learning
- Numerical data is analysed and detection model is developed

6.AgrowIT Website

Led the team for developing e-commerce website

7.Cyrus Motorsports Club Website

Developed by our team, for managing their event details and updates of the club

8.Eventure website

Website developed for IEEE SB AJCE IAS Chapter event called Eventure, a 2-day National Conclave

9.IEEE AJCE WIE Chapter website

Static website for IEEE SB AJCE Women in Engineering Chapter, developed with my team

Achievements

Manager's Honors Awards	for all semesters for achieving grades above 8.5 CGPA
Spot the bug competition	Third Position | Event conducted by IEEE CS Kerala Chapter

Certifications

Generative AI	Simplilearn | 2024
TCS National Qualifier Test	Score: 71.64% | 2024
British Council EnglishScore	Core Skills: 489 | Speaking: 405 | Level B2 | 2024
Deep Learning	NPTEL Course | IIT Ropar | 49% | 2023
Web Development	RIT Engineering College | Workshop | 2023
Python	NPTEL Course | IIT Ropar| 75% | 2022
Front end development	Simplilearn | 2022
Competitive Coding	IEEE AJCE| Workshop | 2021