

Mohammad Affan Yasir

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Summary — Innovative Website Developer with expertise in front-end development, skilled in HTML, CSS, JavaScript, ReactJS, and Tailwind CSS. I specialize in creating responsive, user-friendly websites and optimizing web performance. With experience in IoT, including Arduino, ESP32, and Raspberry Pi, I've built projects like a Smart Helmet featuring crash detection, auto indicators, SOS, and navigation assistance. I thrive on integrating seamless user experiences, collaborating across teams, and staying updated with the latest technologies to deliver high-quality digital products and IoT solutions.

Skills

Development HTML, CSS, Tailwind, MaterialUI
Languages Python, JavaScript, PHP
OS Windows, Ubuntu, Linux, MacOS

Libraries React.Js, Django, JQuery
Database MySQL, MongoDB, GitHub
IoT ESP32, Arduino, RaspberryPi

Experience

BlinksWeb Technology

Jan 2023 – Apr 2023

Frontend Developer Intern

- Developed and designed responsive websites and landing pages using HTML, CSS, and JavaScript.
- Implemented frameworks like Tailwind CSS and ReactJS to enhance user interfaces and ensure mobile-friendly layouts.
- Collaborated with the design team to translate wireframes into functional web pages.
- Optimized website performance and ensured cross-browser compatibility.

Sansung Innovation Campus

Sep 2024 – Nov 2024

IoT Projects Developer)

- Specialized in IoT development using platforms like Arduino, ESP32, and Raspberry Pi.
- Gained extensive experience working with various sensors, integrating them into real-world IoT projects.
- Developed a Smart Helmet project using ESP32, featuring crash detection, an auto-indicator system, SOS functionality, and navigation assistance. The helmet connects with a mobile app, providing enhanced safety and convenience for users.

Education

Jamia Hamdard

Bachelor of Technology in Computer Science and Engineering

Aug 2021 - Jun 2024

Aditya Institute of Technology

Diploma in Computer Science and Engineering

Aug 2016 - Jun 2019

Projects

AORA - App for AI Generated Content

Jan 2024 – Jun 2024

- Purpose: Developed an app for uploading and managing AI-generated content.
- Frontend: React Native, HTML, CSS, JavaScript Backend: Appwrite for database and storage, MongoDB Authentication: Google authentication with login options via Google, GitHub, or email
- Responsibilities: Designed and developed the app's user interface, implemented authentication features, and managed data storage and retrieval.

SocialPulse - A Social Media Platform

Mar 2023 – Jun 2023

- Purpose: Developed a social media app to connect users and enable content sharing.
- Frontend: ReactJS, NextJS, TailwindCSS Backend: Appwrite for authentication and user login
- Responsibilities: Designed and developed the user interface, implemented user authentication, and managed backend integration.

BizQuantum - E-Learning Platform

Dec 2022 – Jan 2023

- Purpose: Developed a platform for students to learn data science with a focus on UI design that reduces eye strain.
- Frontend: HTML, CSS, JavaScript, Tailwind CSS
- Design Focus: Implemented a color scheme that limits blue light, making the platform suitable for extended learning sessions.
- Responsibilities: Designed and developed the platform's user interface, ensuring a user-friendly experience with a focus on reducing eye strain.