

# 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.