Mohammad Hasin Eshrak

UNDERGRADUATE STUDENT

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Front-End Web Developer

"I am a dedicated and detail oriented CSE professional with a passion for coding, programming, and problem-solving. Known for my creativity and strong work ethic, I consistently deliver high-quality results, prioritizing timely completion of projects. Specializing in front-end web development. I have honed my skills through previous roles in two startups. I have a diverse portfolio, including projects in database management, web applications, and Arduino-based hardware. Committed to continual learning and personal growth, my ultimate goal is to launch my own startup after gaining valuable experience in multiple tech companies. My aim is to develop innovative solutions that drive business growth and create positive societal impact."

SKILLS

Soft Skills : Communication, Teamwork, Problem Solving, Time Management, Leadership, Adaptability.
Teaching : 8 Months as a TA & 1 Year as Private Tutor.
Research : 1 Publication
Programming : C++, Python, HTML, CSS, JS, PHP, SQL, Dart
Software : Power BI, CISCO Packet Tracer, Arduino IDE, Android Studio
Office & Productivity : Microsoft 365 (Word, Excel, PowerPoint, Access, One Note)
Language : Bengali, English, Hindi, Urdu

EXPERIENCE

Junior Web Developer (Atrio Consultancy & LUXARAL) [2020 - 2021]

As a Junior Web Developer my main responsibilities included developing the website's front end. I was part of a team, and my work was directed by a senior developer. During my time, I learned some new programming languages and became better at web development. Overall, my experience taught me to never give up and stay calm while dedicating long hours to my work.

EDUCATION

UNDERGRADUATION

Major : Computer Science & Engineering
Minor : Management Information Systems
Independent University, Bangladesh
2020 – Current
CGPA : 3.17

PUBLICATIONS

Automated Paralysis Patient Healthcare & Monitoring System (1st Author)
ICCIT (Cox's Bazar) – 2023
Link: https://www.researchgate.net/publication/378541536_Automated_Paralysis_Patient_Health_Care_Monitoring_System

TRAINING & CERTIFICATIONS, HONOURS & AWARDS

Winner – World Book Day – British Council – 2015
Winner – Inter School Debate Competition, Rangpur – 2018
Dean's List Award – Independent University Bangladesh – 2022
Winner – System Analysis & Design Project Showcase – Independent University, Bangladesh – 2023
Runners-Up – Cloud Computing Project Showcase – Independent University, Bangladesh – 2024

PROJECTS

(1) Microprocessor Project : Automated Paralysis Patient Healthcare & Monitoring System (2022)

An advanced healthcare system for paralysis patients enhances communication through motion detection and real-time vitals monitoring. By interpreting user tilts, it facilitates messaging on an LCD screen and sends SMS alerts to caregivers, aiming to improve patient well-being and health monitoring.

(2) Web-Applications Project : Personal Portfolio Website (2023)

Crafted with creativity and precision, my personal portfolio website showcases my diverse projects and skills, inviting visitors into a world of innovation and accomplishment.

(3) Web-Applications Project : Art Based E-Commerce Website (2023)

Explore ARTISM, where creativity meets commerce, offering a curated collection of artisanal masterpieces, providing a seamless shopping experience for art enthusiasts worldwide.

(4) Web-Applications Project : A Real Time Weather Forecasting Website (2023)

Designed a dynamic weather application leveraging HTML, CSS, and JavaScript, integrating APIs to provide users with up-to-date weather information and an engaging user interface.

(5) Mobile Application Development Project : A Real Time Weather Forecasting Android Application (2023)

Crafted a sleek and intuitive weather app using Flutter and Dart, delivering real-time forecasts and weather updates with seamless user experience.

(6) System Analysis & Design Project : Study the existing processes and methods of Automated Paralysis Patient Healthcare & Monitoring System (2023)

HAMS, an innovative healthcare system for paralysis patients, integrates a GPRS modem and NodeMCU for real-time data transmission to caregivers and centralized monitoring. Its user-centric design provides features like real-time health monitoring, medication reminders, and tailored emergency alerts, aiming to improve patients' quality of life and healthcare management.

(7) Cloud Computing Project : Cloud Based E-Learning Platform Integrating OBE (Outcome Based Education) (2024)

A revolutionary cloud-based e-learning platform integrating Course Learning Outcomes (CLOs) and Program Learning Outcomes (PLOs), facilitating personalized learning experiences, and fostering skill acquisition across diverse educational backgrounds.