Md. Ashikur Rahman Bhuiyan

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EDUCATION

University of Dhaka   2018-2024
BSc in Computer Science and Engineering
Graduated with a standard academic performance, complemented by diverse and impactful experiences.

Sylhet Cadet College   2011-2017
Higher Secondary School Certificate
2017; GPA: 5.00; Merit: 2nd(Sylhet Board); Group: Science

Secondary School Certificate
2015; GPA: 5.0; Obtained board scholarship

SKILLS

Programming Languages

C/C++   Python   Java
Kotlin   JavaScript Dart

Frameworks & Libraries

Spring Boot   React   Flutter

Databases

PostgreSQL   MySQL   MongoDB

Web Design Technologies

HTML   CSS   WordPress

Cloud Platforms

Firebase   AWS VM

Project Management

Jira   Confluence   Agile

Interpersonal

Planning   Leadership
Problem Solving   Team Work

INTERESTS

Product Development   Organizing
User-Centric Design   QA Testing
Machine Learning and AI Books
Emerging Technologies   Travelling

Career Objective

Highly inspired and determined to consistently develop myself and grow professionally. As a recent graduate in Computer Science, I am eager to embark on a career focused on acquiring skills and continuous learning. Excited about contributing positively to a dynamic work environment and embrace new opportunities.

Working Experience

Project Coordinator and Developer
Nizut Technologies Pvt Ltd   Dec 2021-Feb 2023
- Led the development of diverse software solutions, including a government project, ensuring successful delivery and client satisfaction.
- Analyzed client requirements, confirmed specifications, planned user experience, and collaborated with the design team for high-fidelity prototypes.
- Actively contributed to the development process, and utilized Jira for task allocation and progress monitoring, ensuring timely project milestones.
- Collaborated with clients, stakeholders, and cross-functional teams, managing feedback, iterating through project versions, and delivering successful solutions.

Research Assistant
Department of IIT, NSTU   Aug 2020-Dec 2021
- Collaborated with Assistant Professor Dr. Md Nuruzzaman Bhuiyan on an IoT-based real-time health monitoring project.
- Conducted comprehensive literature reviews, gathered and analyzed data, and played a key role in formulating the innovative idea for the project.
- Designed and implemented a wearable health monitoring system capable of measuring, monitoring, and reporting health conditions online and offline.
- Assisted in drafting research papers, resulting to a published article in IEEE.
- Demonstrated robust research and analytical skills, contributing significantly to the advancement of IoT technologies and health monitoring systems

Executive Trainee
User-meta.com (Remote)   Sep 2021-May 2022
- Revitalized User Meta Pro plugin through strategic planning and rebranding driving sales growth.
- Conducted market analysis and client needs assessment to enhance plugin features and align with market trends.
- Planned and implemented a new user experience for the product showcasing site, resulting in enhanced user engagement.

Recent Projects

EMS - Web-Based Education Management System   Jan 2024-Feb 2024
A web platform designed to facilitate one-to-one mentorship between students and teachers along with an admin to control user roles and permissions.
Technologies: Spring Boot, Spring Security, RESTful APIs, React, PostgreSQL

SAAM - Smart Attendance Automation using Face Recognition (Thesis Project)   May 2023-Jan 2024
Pioneering a face recognition-based attendance system for classrooms, integrating deep learning and mobile applications to enhance accuracy and administrative efficiency.
Tools & Technologies: Flutter, Firebase, TensorFlow, Transfer Learning, Convolutional Neural Networks (CNN)

LMES - Lab Monitoring and Evaluation System for Sheikh Russel Digital Labs   Jul 2022-Sep 2022
Led the development of LMES in collaboration with the Office of District Administration, Cumilla, a real-time lab monitoring system deployed in 50 schools, improving lab management efficiency.
Technologies: Java, Android, Firebase, NGINX server, AWS Virtual Machine.

Megastar Technology UI/UX and Frontend Design (Web+Mobile version)   Sep 2022-Nov 2022
Enhanced Megastar Technology's digital presence through UX research, wireframing, content creation, and website redesign.

Publications

Design and Implementation of a Feasible Model for the IoT Based Ubiquitous Healthcare Monitoring System for Rural and Urban Area
IEEE Access ·   Aug 29, 2022
The proposed system can transmit sensitive health data to caregivers in real-time, whether online or offline.
Tools and Technologies: Sensors, Arduino, Nodemcu, GSM module, Java, Android, Firebase.