Sarker Mohammad Riduan

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LinkedIn | GitHub | Portfolio

Career Objective

Result-oriented individual with good programming and problem-solving skills, I intend to acquire additional knowledge and utilize my skills to successfully explore the software engineering domain.

Skills

Programming Languages:
Python, JavaScript, C++
Frameworks and others:
React, Django, Node, Express, MySQL, MongoDB, VScode, Git.

Projects

- **E-commerce App (GitHub):** Using React.js, I created an e-commerce platform that delivers a seamless shopping experience for customers with a responsive user interface, advanced search and filtering options, account creation, and order history viewing. Its functionality is further enhanced by real-time updates via Firebase.
- **Admin Dashboard (GitHub):** Responsive React.js dashboard with TailwindCSS, featuring dynamic charts, theme toggle, interactive widgets, and real-time updates.
- **Crypto Tracker App (GitHub):** Real-time cryptocurrency tracking app built with React.js. Features live price updates via CoinGecko API, interactive charts, search & filter, and a responsive UI for monitoring global market trends.
- **VR Software Platform (GitHub):** Responsive React.js landing page for a modular VR platform, featuring immersive UI/UX, optimized performance, and sleek content layouts for cross-device virtual experiences.

Experience

Web Development Intern
Eutropia-IT Solution - Mohammadpur, Dhaka
July 2024 - December 2024 (6Months)

- Developed responsive web applications using React.js, TailwindCSS, and JavaScript.
- Collaborated with the design team to implement modern, user-friendly UI components.
- Improved performance and responsiveness across desktop and mobile platforms.
- Participated in code reviews and team meetings to enhance development workflows.

Training & Certification

Creative IT Institute (Certificate) - Frontend Development with React.
FreeCodeCamp (Certificate) – JavaScript Algorithms and Data Structures.

Research Experience

Multiclass Skin Cancer Classification Using Transfer Learning Models with Explainable AI - This work presents an analysis of deep learning and transfer learning models for skin cancer classification, with a focus on the applicability of Explainable AI (XAI) techniques to improve interpretability.

Educational Qualification

Bachelor of Science 2019 - 2024
University of Asia Pacific
Computer Science and Engineering
Higher Secondary Certificate 2016 - 2018
Birshrestha Munshi Abdur Rouf College
Secondary School Certificate 2014 – 2016
Motijheel Ideal School and College

Achievements

Tech volunteer in university campus Ideathon contest.
Former member of science club in school and college.