Subal Chandra Roy

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SUMMARY

Passionate and quick learner with a strong programming background and excellent problem-solving skills. Seeking an opportunity to work as a professional and to face challenges utilizing knowledge and innovation to achieve a successful long-term career at any reputed organization using my skills, dedication, hard work and determination.

EDUCATION

Bachelor of Computer Science and Engineering (B.Sc.)
2019 - 2024
Khulna University of Engineering & Technology (KUET)
Khulna, Bangladesh.

Higher Secondary School Certificate (HSC)
2016 - 2018
Saidpur Government Technical College
Saidpur, Nilphamari.

TECHNICAL SKILLS

Programming Languages: C , C++ , JavaScript, PHP
Database: MySQL, MongoDB
Framework and Libraries: Laravel, React
Misc: Github, HTML, CSS

PROGRAMMING PROFILES

- **Codeforces**   750+ Problems Solved
- **Leetcode**   160+ Problems Solved
- **Codechef**
- **Ligthoj**

ACHIEVEMENTS AND AWARDS

- **15th Place**, Intra KUET Programming Contest 2022
- **21st Place**, Intra KUET Programming Contest 2021
- **33rd Place**, Intra KUET Programming Contest 2019

THESIS

A Study on A Question Answering System based on Transformer Model (Thesis)
In my thesis, build a closed-domain question-answering system based on a transformer model using natural language processing. It works on factoid questions in a closed domain.

MAJOR PROJECTS

JOBCRAFT
Technologies: Laravel
1. Developed a Job portal website using Laravel framework, showcasing proficiency in PHP and MVC architecture.
2. Implemented user authentication, job posting, and search functionalities to enhance user experience.
3. Used mysql database for managing data

ECOMMERCE WEBSITE
Technologies: Laravel
1. Developed a user-friendly e-commerce platform.
2. Implemented an intuitive admin interface.
3. Streamlined product management for administrators.

SHOPEASE
Technologies: MERN
1. Developed full-stack e-commerce website with React.js, Node.js, MongoDB.
2. Implemented user-friendly cart, secure authentication, seamless payments.
3. Utilized React Context API, Reducer Hooks, Bootstrap for efficient UI.

E-LEARNING APP
Technologies: React Native
1. Created a React Native mobile app for an e-learning platform.
2. Integrated Google Sign-In with Clerk and Expo for seamless authentication.
3. Utilized Hygraph for content management, enabling efficient organization and delivery of educational materials.

EMART
Technologies: Java
1. Built an Android shopping app for effortless browsing and buying.
2. Created a simple checkout and secure payment system.
3. Used APIs to keep product info updated for a smooth shopping experience.

AIRPLANE GAME
Technologies: C/C++, OpenGL
1. Created a fun airplane game with 2 levels.
2. Designed obstacle avoidance gameplay.
3. Ensured an enjoyable and challenging player experience.