Humayun Kibria Shakib

Competitive Programmer | Python | Django | React

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EDUCATION

BSc in CSE
Leading University, Sylhet
02/2018 - 07/2022   *3.29 out of 4*

PROJECTS

STORE FRONT(Backend) ⧉
– I developed an advanced e-commerce backend with a fully functioning backend and secure authentication using the Django Rest Framework.
– The system included a secure authentication system with JWT tokens and role-based access control.
– Additionally, I designed and implemented the database schema using MySQL and developed RESTful API endpoints for product management and the checkout process.

ReactFunBox ⧉
– a six-in-one project using react
– Calculator, Todo, Quiz, Snake Game, and TicTacToe.
– Mobile Responsive
– Live: Link ⧉

BidBuddy(Backend) ⧉
– BID BUDDY Project is a web application that enables users to participate in auctions for various items.
– Also, Included some endpoints for the Admin dashboard and statistics that not includes in frontend yet
– I'm still working to add some special features and add task handlers like celery

BidBuddy(Frontend) ⧉
– develop and visualize fully functioning auction trends over time. It is built using technologies such as React, React Router Dom and for styling I used Tailwind CSS
– I'm still working to add some special features and add React Query soon

Prosody-Controlled-TTS (4th Year Thesis)
– As part of my fourth-year thesis, I explored the challenges associated with generating natural-sounding Bengali speech from text inputs, including issues related to prosody and intonation.
– I utilized cutting-edge VITS and FASTPITCH models to develop a TTS system that allowed for precise control of prosody and pitch variations in the generated speech.

DjangoAuthentication ⧉
– a Django-based authentication system. It aims to provide secure user authentication and authorization functionalities for Django web applications. The project includes features such as user registration, login, password reset, and account activation.

WORK EXPERIENCE

Junior Software Engineer (Part Time)
LIILab
03/2021 - 01/2022   *Sylhet, Bangladesh*
PC BUILDER
– I designed and built a PC Builder product page with a basic Django backend and HTML/CSS frontend. This project is mainly focused on people who have no prior knowledge of how to build a PC.
– I used Django ORM to create a dynamic product page that allows users to select and customize PC components.
– Using HTML and CSS, I designed a visually appealing and user-friendly interface that provides users with an intuitive browsing experience.
– I also implemented dynamic product filtering and search functionality to help users find the components they need quickly.

SKILLS

Python C++ C JavaScript Dart Django
Django Rest Framework React Js React Query
Tailwind Material UI Redux Celery
Celery Beat HTML CSS Tailwind MySQL
Git Data Structure Algorithoms OOP

ACHIEVEMENTS

• Participated in ICPC Dhaka Regional 2021(BUBT).

• 8th Among Private University in ICPC Preliminary 2021.

• Champions, Mathophobic Skyvers, LU Intra University Programming Competition 2020. ⧉

• Champions, LUZeroIQ, LU Intra University Programming Competition 2021.

•Top 6 in Bangladesh, LUZeroIQ, IEEE Extreme 14. ⧉

• ICT Quiz Champions, National ICT FEST 2018

COMPETITIVE PROGRAMMING

• Codeforces: Specialist, Max-rating: 1543 ⧉
Handle: _Bohemian

• Codechef: 4*, Max-rating: 1938 ⧉
Handle: hkshakib

• ICPC ID ⧉

• Solved More then 3000+ algorithmic and general problems.

OTHER ACTIVITIES

⧉ Judge and Setter of the several Intra University Programming Competition

⧉ Arranged and took several workshops on programming and problem-solving

⧉ Arranged a one vs one individual programming contest.

⧉ Mentored juniors in 1-on-1 mode

⧉ ACM And Workshop Coordinator Lead
Leading University Computer Club