

Shamim Basha

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Education

G.C.E Advanced Level - KG/Zahira College

2022

Combined Mathematics	Physics	I C T	English
C	C	A	A

Technical Skills

Programming Language: Python, JavaScript, C++, C, SQL

Web Development: HTML, CSS, JavaScript, Bootstrap, Django, Flask, React.js

Mobile Development: React-Native, Expo.io

Certifications

Python for beginners, University of Moratuwa	May 2022
Web design for beginners, University of Moratuwa	Jun 2022
Python programming, University of Moratuwa	Jun 2022
Frontend web development, University of Moratuwa	Aug 2022
CS50 X Introduction to Computer Science, Harvard University	Jul 2023
CS50 P Introduction to programming with python, Harvard University	Aug 2023

Projects

WeChat Web App

Description: Developed a real-time webchat application using Django WebSocket technology to enhance user interactions and communication. This webchat app offers seamless, instant messaging capabilities, making it easy for users to engage in real-time conversations.

Technologies: Django, Python, WebSocket, HTML, CSS, JavaScript

GitHub: <https://github.com/Shamim-Basha/WeChat>

Path Finding Visualizer

Description: Developed a Python-based Path Searching Visualizer using the Pygame library, which enables users to explore and visualize pathfinding algorithms such as BFS, DFS, Greedy Best-First Search, and A* Search. This project highlights my Python programming skills, algorithm design expertise, and ability to create educational and interactive software tools for visualizing complex concepts.

Technologies: Python, Pygame

GitHub: https://github.com/Shamim-Basha/path_searching_visualizer

Handwritten Number Predictor

Description: Created a handwritten number predictor application showcasing my skills in machine learning and software development. The project allows users to draw or input handwritten digits on the screen, and the integrated deep learning model accurately predicts the digit with high precision. This project demonstrates my proficiency in neural networks and user interface design, highlighting my ability to blend technical knowledge with intuitive user experiences.

Technologies: Python, Pygame, TensorFlow

GitHub: <https://github.com/Shamim-Basha/Handwritten-Number-Predictor>

Movie Browser

Description: Designed and developed a mobile app using React Native that offers a seamless movie browsing experience. This app provides users with the ability to explore a vast collection of movies, view detailed information. It incorporates an intuitive user interface, ensuring ease of navigation and an engaging user experience. Through this project, I demonstrated proficiency in mobile app development, user interface design, and the integration of external data sources, reflecting my commitment to delivering high-quality, user-centric software solutions.

Technologies: React-Native, Expo, JavaScript

GitHub: <https://github.com/Shamim-Basha/rn-movie-browser>

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experiences align with your needs. Please feel free to reach out to me via email.