Shanid Sajjatuz Islam

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portfolio-v1-eta-eight.vercel.app

Education

Bachelor of Science in Computer Science 2023 - 2027
BRAC University, Dhaka, Bangladesh (Expected Aug 2027)

Technical Skills

Programming Languages	JavaScript (ES6+), TypeScript, Python, Basic Java, C++
Frameworks	React, Tailwind CSS, Express, Node.js, PyTorch, TensorFlow
Databases	MongoDB, SQL
Tools	Git, GitHub, Vite, npm, VS Code, Cursor
AI	Accelerated development using AI tools and prompt engineering techniques
Project Management Tools	Jira, Trello, Asana
Documentation	Experience in writing and maintaining project documentation
Languages	Fluent in English, Bengali

Projects

Survease Application

Built a survey platform with login/signup and data validation. Integrated Node/Express backend with MongoDB.

Face Attendance System

Built a real-time face recognition attendance system. Integrated MySQL for reliable storage.

Binary Text Detection

Developed tool for identifying binary text data. Used TensorFlow and Pytesseract for accurate extraction.

Diabetes Prediction Model

Designed model using health indicator data. Achieved high accuracy with TensorFlow and decision trees.

Personal Portfolio Website

Built a multi-page portfolio using React and Tailwind CSS. Utilized React Router and reusable components.

Product Management Web App (MERN)

Developed a full-stack product management app with MERN. Implemented JWT authentication and RESTful APIs.

Research

Media Bias Detection using Machine Learning and Deep Learning

This research focuses on identifying media bias through search algorithms, leveraging various machine learning (ML) and deep learning (DL) techniques. By analyzing news articles and media content, the model aims to detect biases in reporting based on factors such as language usage, sentiment analysis, and content alignment with political or ideological views. Using Natural Language Processing (NLP), Convolutional Neural Networks (CNNs), and Recurrent Neural Networks (RNNs), this study explores the effectiveness of automated systems in identifying biased content and mitigating the impact of biased media on public perception.

Extracurricular

General Member, BRAC University Computer Club (R&D Department)

Collaborate with peers to explore emerging technologies and contribute to research and development projects. Refine leadership and communication skills through workshops and team projects.

Interests

Learning new technologies and applying them in real-world projects.