Mayank Manas

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EDUCATION

MCKV Institute of Engineering, Kolkata   September 2020-July 2024

B. Tech in Computer Science and Engineering, CGPA 8.17

- Relevant course work: Object Oriented Programming, Data Structure and Algorithms, Machine Learning, Operating System, Compiler Design, Database Management System, Data Analysis and Visualization, Cloud Computing, Cryptography and Network Security

CERTIFICATES

- Full stack web development using MERN STACK
- Data Science, AI, Machine Learning using python
- Secured third position in intra-college competition "pulse.exe 2K22"
- EF SET English Level: C2 Proficient

PROJECTS

Diabetes Risk Prediction using Machine learning with Python | Source code

- Developed a Diabetes Risk Prediction Model using Scikit-learn and Python, achieving an accuracy rate of 92-93%.
- Applied K-Nearest Neighbors (KNN) algorithm to drive accurate classification and prediction, analyzing datasets provided with 9 features.
- Built and deployed an interactive web application using Streamlit and LocalTunnel.

Face Detection and Distance Estimation System | Source Code

- Developed a real-time face detection and distance estimation system using OpenCV and cvzone libraries.
- Designed a user-friendly interface with pop-up warnings and user authentication.
- Implemented a distance calculation algorithm using Inter-Pupillary Distance (IPD) method with a warning system that alert the user if they are far away.

College Management System | Source code

- Built a full stack e-commerce website using React.js for the front-end and Node.js for the back-end.
- Designed a responsive UI with Tailwind CSS and optimized efficient data management with MongoDB.

SKILLS

Programming languages: C++, C, JAVA, JAVASCRIPT, PYTHON, HTML/CSS

Computer software/ frameworks: Microsoft Office, React-Js, bootstrap, Adobe photoshop, Node-Js, Django

Soft skill: Conflict resolution, Communication, Teamwork, Problem Solving, Resilience, Critical Thinking, Time management