TANMOY CHOWDHURY

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PROFILE SUMMARY

Targeting Software Development roles with an organization of high repute with a scope of improving knowledge and growth.

- MERN stack and data analytics, with a strong background in building scalable development and analytics solutions
- Demonstrated ability to manage and deliver projects efficiently, from initial planning and design to final development and maintenance.
- Committed to staying updated with the latest industry trends and technologies, continuously enhancing to provide innovative solutions.

Education

University Of Engineering And Management, Kolkata Aug 2020 - July 2024 **B.Tech** in Computer Science and Technology with **CGPA: 8.92/10** Relevant Coursework: Object Oriented Programming, Databases, Discrete Math, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Advance Data Structures and Algorithms, Software development life cycle, Multithreading, Image Processing.

Project Work

• **Neighbouring:** A user can find nearby restaurants, sights, and weather with this web and mobile app.

Tools: Reactjs, API integration, Redux, Flutter.

Responsibilities:

- Developed the front-end using React, creating a responsive and intuitive user interface.
- Utilized Redux for state management to ensure consistent and updating application state.
- Utilized API integration techniques to retrieve data for users.

• **Liveargan:** With the help of augmented reality technology, users of this mobile application can visualize their organ.

Tools: Flutter.

Responsibilities:

- Developed a responsive mobile app with interactive ui/ux design.
- Deployed all the 3D organs model.

• **Bayrang:** This is a business website where customers may research, choose, and purchase products..

Tools: Reactjs, Redux, Nodejs, MongoDB. .

Responsibilities:

- Developed the front-end using React, creating a responsive and intuitive user interface.
- Implemented user authentication and authorization using Nodejs, ensuring secure access to the application.
- Managed the backend entirely with Nodejs, handling data storage, retrieval and user management efficient.
- Utilized Redux for state management to ensure consistent and updating application state.

• **Medbot:** This is a medical chat bot where users may select any illness they are dealing with, and the bot will offer the necessary precautions based on the nature and severity of the disease.

Tools: Python, Machine learning libraries, Data pipelining.

Responsibilities:

- Filtered out the dataset for the through data pipelining technique.
- Used SVM and DTC to predict the decease.

Internship and Certificates

- IBM Cloud and Applied Machine Learning internship at Edunet
- AWS Cloud Practitioner Essentials on Coursera
- Google Data Analytics Certificate on Coursera

Skills

Languages: Java, Python, JavaScript, SQL

Technologies & Tools: ReactJS, NodeJS, SQL, Flutter, Data analytics, ML-libraries and algorithms.