

Debanjan Guha Thakurata

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EDUCATION

B.Tech in Computer Science and Engineering

UNIVERSITY OF ENGINEERING & MANAGEMENT, KOLKATA
SGPA:9.62

West Bengal,India | Aug 2020-Jun 2024

Indian School Certificate

AUTHPUR NATIONAL MODEL HIGHER SECONDARY SCHOOL
Percentage:83%

West Bengal,India | 2018-2020

WORK EXPERIENCE

DESIQNA | SOFTWARE DEVELOPMENT INTERN

[Certificate] | Oct 2022 – Dec 2022

- Worked on the **complete designing and development** of the Website which is **fully responsive**.
- Optimised the Code to increase the **User Experience and UI by 60%**.
- Worked on SEO's to **increase the user traffic** in the website by **90%**.
- Included **Recaptha and Google Layer of Protection**.
- Worked on **User Verification and Detecting Bots and removing the Bots**.

PROJECTS

TALKTIME

MONGODB,EXPRESSJS,REACTJS,NODEJS,SOCKETIO

Architected and developed a real-time chat application using the MERN stack, offering seamless communication and connectivity. Implemented user search functionality, media sharing capabilities, and industry-standard security measures. Conducted thorough testing and debugging to ensure a stable and reliable application, delivering a high-quality product.

SELL-EASY

MONGODB,EXPRESSJS,REACTJS,NODEJS

Developed a dynamic marketplace website with MERN stack, allowing users to sell products and participate in auctions. Implemented product verification for authenticity. Gathered user feedback and conducted rigorous testing to optimize user experience and ensure application stability, delivering a high-quality product.

DETERMINATION OF CERVICAL CANCER

LOGISTIC REGRESSION,RANDOM FOREST,SUPPORT VECTOR

Developed a robust cervical cancer detection model using machine learning algorithms. Utilized a dataset from UCI repository and employed multiple algorithms for accurate detection. Preprocessed the dataset to extract relevant features and improve accuracy through scaling.

SKILLS

Programming Languages: C, Java, C++, Javascript, Python

Web Development: HTML, CSS, Tailwind CSS, Javascript, ReactJS, NodeJS, ExpressJS, REST APIs

Databases: MongoDB, MySQL

Course Work Data Structures, Algorithms, Object Oriented Programming (OOPs),Operating Systems,Database Management Systems

Other Tools: Git, Github, Postman, Firebase, Heroku, Render

Other Skills: Problem Solving, Complexity Analysis, Troubleshoot, Debugging, Communication

NOTABLES AND ACHIEVEMENTS

- Solved over **500** problems across all **coding platforms**.
- Maximum Contest Rating of **1390** and **350+** problems solved on **LeetCode**. [\[Link\]](#)
- Made **650+** contributions on Personal Projects in **Github** Repository. [\[Link\]](#)
- Obtained a rank of **3489** out of **23,000+** in **CodeChef 28 Dec 71D** Challenge 2022. [\[Link\]](#)
- Institute Ranking of under **50** out of **2,000+** students in **problem-solving** on **Geeks For Geeks**. [\[Link\]](#)
- Secured a position in the **top 20%** students in the Department of **CSE**. [\[Certificate\]](#)