SUDIPTA MAITY

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SUMMARY

As a Computer Engineer, I have always been fascinated by technology and innovation. I have a deep passion in Competitve Programming, which enriches my debugging and analytical skills. Throughout my academic career, I have gained extensive experience in designing, developing, and implementing various software and hardware solutions. I am excited about the opportunity to join your company and contribute my skills to help drive the company's success.

EDUCATION

Computer Science and Engineering (B.Tech)

9.61 CGPA (till 5th Semester) August 2020 - Present
Institute of Technical Education and Research,SOA, Bhubaneshwar

12th - CBSE

88% May 2018 - February 2020
S.E. Railway Senior Secondary School, Kharagpur

10th - ICSE

86% April 2012 - January 2018
Sacred Heart High School,Kharagpur

TECHNICAL SKILL

- Full Stack Web Development using MERN Stack(JavaScript)
- UI/UX Designing (Figma, Canva)
- Machine Learning(Python)
- Competitive Programming(Java, C++)

PROJECTS

Based on Web Development

AI Image Generator - DALL-E Clone

It is a Image Generator app built using ReactJS. It uses the Open AI 's DALL-E API to generate Images based on search input. The purpose of this project was to learn and explore the functionality of ReactJS and explore DALL-E .

Restaurant - Pidus Delights

This is a restaurant website created using ReactJS. The website provides visitors with a glimpse into the restaurant's story, a detailed menu, and easy contact options. The modern, user-friendly design ensures an enjoyable browsing experience for potential customers.

Projects based on Machine Learning

Movie Recommender System

It is a website where you get top five similar movies recommendation based on the selected movie. This project involves the whole process of data extraction, cleaning & preparation. Multiple Python Libraries where used in the process. This project gives a clear idea of how machine learning works and is based on cosine similarity.

Email Spam Classfier

This model is created by learning through ample of email sample to analyze the trend of spam emails. In Result, it can classify an email is spam or not.

IPL Winner Predictor

This model predicts the winner of a IPL match based on the current status and other fields of comparison to finalize a prediction.

RESEARCH, EVENTS AND WORKSHOPS

Trainee at PWC — February 23 to Present

I am pursuing a DevOps certification program with PWC, encompassing a comprehensive curriculum that includes IT fundamentals, database management systems, web designing, Java programming, and DevOps practices. This certification equips me with a solid foundation in various essential areas, enabling me to contribute effectively to software development and operations teams.

Symposium 2023 — May 2023

Presented project comparing Minimax and Q-learning algorithms' efficiency at college symposium. Explored strengths and weaknesses, analyzed data on computation time, decision accuracy. Minimax excelled in adversarial environments with perfect information, while Q-learning adapted well in dynamic, uncertain environments. Valuable insights for AI applications.

Remote Sensing and its Applications Workshop — June 2023

I participated in a comprehensive workshop on Remote Sensing and its Applications, acquiring valuable insights into the field's techniques and practical uses. I gained expertise in interpreting satellite imagery, analyzing geospatial data, and understanding the applications of remote sensing in various industries.

Computer Networking Research on MPTCP and its Applications — February 23 to Present

Research in exploring the advantages and use cases of MPTCP over TCP and other protocols.

Machine Learning Algorithms Analysis (Thesis) — April 23 to Present

A paper based on the efficiency comparison of different Machine Learning Algorithms.

FIELD OF INTEREST

- Front End Development
- UI/UX Designing
- Data Scientist