Aniruddha Roy

Software Engineer

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SUMMARY

Full Stack MERN Developer & AI Engineer with a strong focus on healthcare technology. Experienced in building scalable web applications using React, Node.js, Express, and MongoDB, and developing AI solutions for medical data analysis, predictive modeling, and diagnostics. Passionate about leveraging full-stack development and machine learning to improve patient outcomes and healthcare efficiency.

TECHNICAL SKILLS

React js
Node js
Mongodb

Python
Machine Learning / Deep Learning
AWS

Responsive Design

PROFESSIONAL EXPERIENCE

Aivot AI - Associate Software Engineer　　**July 2023 - Present**

Full Stack Web Project
- Developed, tested and deployed a healthcare website based on machine learning. Built the complete frontend and backend of the website and deployed it using nginx.
- Responsive designs of all the pages
- Created and modified machine learning and deep learning models for prediction of data used in these websites and applications

Aivot AI - Associate Software Engineer　　**Feb 2024 - Nov 2024**
iOS Application development
- Developed and deployed an iOS an healthcare application created with react native with various backend implementation. Also, integrated various tensorflow models for various purposes in the application.

EDUCATION

Bachelor of Technology　　**June 2019 - June 2023**
Meghnad Saha Institute of Technology
- Major in Information Technology.
- Research paper published for detecting COVID from images of infected lungs by machine learning.

Higher Secondary　　**June 2017 - June 2019**
Asian International School
- Science stream

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Bengali.
- **Certifications:** AWS Certification (LinkedIn Learning), Cloud Platform Job Simulation (Verizon), Udemy Machine Learning Bootcamp, Software Engineering Job Simulation.
- **Hobbies:** Sports and listening to music