SOUVIK MANDAL

Software Development Engineer

My Contact

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Key Skills

- **JAVA**
- **HTML5**
- **css/scss**
- **JAVASCRIPT**
- **Node.JS**
- **REACT**
- **Express.JS**
- **SQL**

Coursework

- Computer Networking
- Data Structures and Algorithms
- DBMS
- Object Oriented Programming
- Control System
- Computer Architecture

Education

● **RCC INSTITUTE OF INFORMATION TECHNOLOGY**

  B.Tech in Electronics and Communication Engineering   2020- Present

  CGPA - 9.52

● **Ramakrishna Mission Vidyalaya, Narendrapur**

  WBCHSE (Class XII)   2018- 2020

  Percentage-92.6

● **Ramakrishna Mission Vidyalaya, Narendrapur**

  WBCHSE (Class X)   2012- 2018

  Percentage-91.71

About Me

Software engineering professional highly skilled in designing & deploying scalable applications via JavaScript, CSS, and HTML. Adept at unit testing and conducting code reviews while playing a key role in both backend & frontend development.

Experience

National Institute of Industrial Training

Web Development Intern   *JUNE'23 – Present*

Key responsibilities:
- Developed webpages using scripting languages such as JAVASCRIPT and JQUERY as a Web Developer Intern
- Designed APIs using Node.js and handled server-side databases using SQL

Prodigy Infotech   *JULY'23 – Present*

Web Development Intern (REMOTE)

- Worked closely with the UX/UI team to incorporate user-centered design principles and improve overall website usability
- Collaborated with the development team to create responsive and visually appealing websites using HTML, CSS, Bootstrap and JavaScript

Projects

COST EFFECTIVE SMART PARKING

- Fully automated parking system to figure out the void parking and collecting payments for entry/exit
- Used ArduinoIDE for the code and esp32 and various sensors for detection purpose.
- Implemented object detection using Deep learning and OpenCV Library

AI Fitness Website

- Developed a fully functional fitness web application to track calorie intake and exercise routines using Javascript,HTML and Bootstrap framework.
- Future Scope: Integrating a AI/ML model to check the posture of the user according to exercises by identifying breakpoints of human body and hence calculating the angle between them .This will improve the user experience with the unique posture check feature, which ensures correct exercise form and reduces the risk of injury.

Volunteering Experience

Worked as a NSS Candidate representing RCC Institute of Information Technology