Snehomoy Maitra
Software Engineering Undergrad

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github.com/Snehomoy100 ◯

Software Engineering Undergrad with an excellent problem solving skills & ability to perform well in a team, passionate about coding & enjoys to build amazing softwares to solve real-life problems.

EDUCATION

B.Tech in Computer Science & Engineering
University of Engineering & Management, Kolkata

07/2019 - Present   *9.06/10 (*Average uptill 3rd Semester)*

Courses
- Computer Programming
- Database Management System
- Object Oriented Programming
- Data Structures & Algorithms
- Machine Learning & Artificial Intelligence
- Computer Networks

WORK EXPERIENCE

Full Stack Developer Intern
WebiData

03/2021 - 05/2021   *Kolkata, India*

Achievements/Tasks
- Build a Full Stack E-Commerce website for the company used by more than 500 people on a daily basis.
- Added features like real-time delivery tracking, custom admin panel, integrated a payment gateway & multiple language support.
- Fixed two API bugs on another project increased the efficiency by more than 60%.

Extern (Stage - 1)
Crio.do

01/2021 - 01/2021   *Remote*

Achievements/Tasks
- Made an portfolio website as a task of the program.
- Build a custom contact form for communication conveniences.
- Deployed the website efficiently on the Netlify.

Freelance Web Developer
Fiverr

04/2020 - 07/2020   *Remote*

Achievements/Tasks
- Build a front-end of a website for a client that shows the expenses of a specific user.
- Made with Chart.js, Reactjs, HTML5, CSS3, Material UI & axios (for API handling).
- Increased the traffic on the website by more than 30% with the attractive UI.

SKILLS

Full Stack Web Development | MERN | Nodejs
Reactjs | MongoDB | Linux | Git & Github
OpenCV | Numpy | Image Processing | MySQL
Problem Solving | Data Structures & Algorithms
Deployment | HCI | Computer Vision

PERSONAL PROJECTS

ViCon (12/2020 - 02/2021)
- **https://github.com/Snehomoy100/ViCon** ⧉
- It is a video conferencing web-based application that can be used by 256 users simultaneously.
- This also has the realtime chatting functionality & the chat history to hold all the chat records under one chatting room.
- It has built using Socket.io, WebRTC & peers, evidently using Nodejs & ExpressJS.

Virtual Keyboard (Research Project) (09/2020 - 03/2021)
- **https://github.com/Snehomoy100/Virtual-Keyboard** ⧉
- This is a Virtual Keyboard created using the Python 3, OpenCV, pickle library & contour function.
- This has achieved an average accuracy of 82.21% under the controlled conditions.
- This program actually shows the whole keyboard layout on the screen & user can point to the desired letter by using a colour pointer & that respective key is being detected & prints that in the console.

ORGANIZATIONS

Google Developer Student Club, UEMK (01/2021 - Present) ⧉
Student Developer

RESEARCH & AWARDS

Best Research Paper Award (05/2021) ⧉
*Made a research paper on the **Virtual Keyboard** project & won the **Best Paper Award** in the 1st International Conference on Cyber Intelligence and Information Retrieval (CIIR 2021) sponsored by Springer publications.*

PROGAMMING LANGUAGES

JavaScript
Full Professional Proficiency

Java
Professional Working Proficiency

Python
Professional Working Proficiency

C
Full Professional Proficiency