Sudipta Shaw

Full Stack Developer

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EXPERIENCE

XPO HR & SERVICES | FULL STACK DEVELOPER
Feb 2021-Current | Chennai,India

- ➜ Worked in a joint venture with Boscosoft Technologies Private Limited, Chennai.
- ➜ Created and deployed Full stack Project which helped around 500+ Hr managers.

WEBARCH SRM | ASSOCIATE
June 2020-Current | Chennai,India

- ➜ Oversaw Tier 1 projects providing essential infrastructure to the club. Created various machine learning projects with the team of 5 members.
- ➜ Managed staff using a targeted approach to training, hiring and employee engagement. Hosted annual hackathon INWEB consecutively twice and also made the annual plan for the club .
- ➜ Made a project on club picker with an accuracy of 92 % which on test run helped at least 50-100 members on finding a club inside SRM according to their skill set and requirements.

NEXT TECH LAB,SRM | ASSOCIATE
June 2020-Current | Chennai,India

- ➜ Designed and developed machine learning and computer vision related models in partnership with other teams.
- ➜ Learnt basics of machine learning and computer vision and worked on projects like Cat and Dog Classifier,Optical Charcter Recognition.

PROJECTS

SORTING VISUALIZER | HTML,CSS,JS
2021

- ➜ Implemented 5 algorithms including Merge Sort,Bubble Sort,Selection Sort,Quick Sort and Insertion Sort.
- ➜ Features a clean, intuitive and minimalistic UI.Built for use by developers and educators alike to enhance their own understanding of these algorithms.

HOTEL RECOMMENDATION SYSTEM | PYTHON
2021

- ➜ This is a hotel recommendation system created using Machine Learning Based on the country ,pop based country, features like air conditioner availability, alarm-clock etc.
- ➜ Approach used: Case Based Reasoning (CBR).
- ➜ The model was run on a data set of 5000+ hotels listed with their features and gave an accuracy of 94.3%.

TIP CALCULATOR APP | HTML,CSS,JS
2022

- ➜ An app to calculate tip per person and total according to Bill amount and users choice of percentage of selected tip.
- ➜ Features a clean and precise application which does all the maths behind the scenes with a user friendly UI.
- ➜ A challenge by Frontendmentor.io.

SKILLS

PROGRAMMING

Languages:
C++ • JavaScript • Python
SQL • CSS • HTML

Domains:
Machine Learning •
Software Development •
Data Structures •
Algorithms •
Web Scraping •

LIBRARIES/FRAMEWORKS

jQuery • Node.js • Bootstrap •
React
Express •Tensorflow • Pandas
• Numpy

TOOLS/PLATFORMS

Git • Github • Heroku

EDUCATION

S.R.M IST
B.TECH IN COMPUTER SCIENCE-BIG DATA ANALYTICS
Jun 2019 - Present | Chennai, India
School of Computing
Cum. GPA: 9.84 / 10.0

MAHARISHI VIDYA MANDIR
HIGHER SECONDARY
Jun 2017-Jun 2019 | Chennai,India
Cum. GPA: 93/100

MAHARISHI VIDYA MANDIR
SECONDARY
Jun 2015-Jun 2017 | Chennai,India
Cum. GPA: 10.0/10.0

COURSEWORK

UNDERGRADUATE
Database Management
Systems •
Object Oriented Analysis and
Design •
Artificial Intelligence and Expert
Systems •
Data science •
Software Engineering