Subhash Sarangi

✉ subhashsarangi123@gmail.com   Subhash3   in/subhash-sarangi/   📞 8919047064

🎓 EDUCATION

Integrated M.Tech, Computer Science
University of Hyderabad
July 2017 – present | Hyderabad, India
  CGPA: 8.1

💼 EXPERIENCE

Full Stack developer
The Young Minds
September 2020 – March 2021 | WFH, India
- Designed and Developed a chat application using MERN stack and Socket.io
- Implemented live streaming application for educational needs of the company.

VAPT Intern
Indian Institute of Technology, Kanpur ⬈
May 2019 – July 2019 | Kanpur, India
- Vulnerability Assessment and Penetration Testing in the field of Web application Security.
- Analyse the potential vulnerabilities in web applications.
- Create a firewall with a proxy server to prevent malicious activities.
- Technologies/Languages used are: Python, Php, MySql

🏅 ACHIEVEMENTS

Winner of hackmakers' #buildwithai global hackathon. ⬈
- Winner among 4500 participants in Predictive Algorithm Challenge - 2020
- Badge issued by badgr and #buildwithai community.

CodeChef Certified Programmer ⬈
Qualified the CodeChef CCDSAP certification test.

Code-In-Lockdown AIR 10 holder ⬈
- Secured 10th position in the national level 15 days coding challenge conducted by IEEE Kerala and IEEE FISAT SB.

HCL #betterhealth #codeforcovid19 semi-finalist
- One of the top 32 teams among 7500 participants in the hackathon conducted by HCL.
- Systemic Solutions for Crisis & Pandemic Management - 2020

Intern of the year at theyoungminds.

🌐 LANGUAGES

Telugu   ●●●●●
English   ●●●●○
Hindi   ●●●○○

📂 PROJECTS

Sentiment Analysis using Naive Bayes Classifier ⬈
Determines the sentiment of a given english sentence.
May 2021
- This classifier makes use of the Naive Bayes algorithm under the hood.
- Trained with over 75,000 English sentences scraped over the internet.

Handwritten Digit recogniser (MNIST) ⬈
May 2020
- A neural network implemented from scratch that can recognise handwritten digits with 95% accuracy.
- The model is trained with 50K samples of the MNIST dataset.

Feed Forward Neural Networks Library (nicenet) ⬈
A fully functional feed-forward neural networks library built from scratch
April 2020
- Deep learning library written in python capable of handling several deep learning modelling tasks.
- Key features include Multi-layering, Data standardization, scaling, and different loss and optimizer functions to model various deep learning tasks.
- Supports exporting and loading trained models for predictions and further improvements.

Covid19 Predictions API and Dashboards for India, US and Russia ⬈
- *Node API which provides next 7 days' predictions of several countries using the covid19 time series.*
April 2020
- Predictions are generated from a time-dependent SEIRD model.
- Time series of covid19 cases is fed to the model on a regular basis.
- Node API serves the predictions of the covid19 cases in various countries along with other insights.

Sorting Visualizer ⬈
- *A place where the sorting algorithms come alive.*
July 2021
- A React+Typescript web application for visualising sorting algorithms with proper animations.
- Key algorithms covered are Merge sort, Quicksort, Heap Sort.

🧠 SKILLS

C & C++ programming | Java | Javascript | Version Control Git

Python | RDBMS | Image Processing Techniques | Flask - python

MySQL | LAMP stack | MERN stack | Typescript

🔧 CODING PLATFORM LINKS

Codechef ⬈

Leetcode ⬈

🎸 INTERESTS

Deep Learning   **IOT**   **Full Stack Development**