

Subhash Sarangi

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🎓 EDUCATION

Integrated M.Tech, Computer Science
University of Hyderabad

July 2017 - present | Hyderabad, India

CGPA: 8.1

Intermediate

Narayana Jr. College

2015 - 2017 | Vijayawada, India

Percentage: 96.7

🏆 ACHIEVEMENTS

Winner of hackmakers' #buildwithai global hackathon. 🏆

- Winner among 4500 participants in Predictive Algorithm Challenge.

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.

Intern of the year at theyoungminds.

🧠 SKILLS

C & C++ programming | Java | Javascript

Version Control Git | Python | RBMS

Image Processing Techniques | Flask - python

MySQL | LAMP stack | MERN stack

Typescript

🌐 LANGUAGES

Telugu ● ● ● ● ●

English ● ● ● ● ●

Hindi ● ● ● ● ●

🎮 INTERESTS

Deep Learning

IOT

Full Stack Development

👛 EXPERIENCE

The Young Minds

Full Stack developer

September 2020 - March 2021 | WFH, India

- Designed and developed a chat application for the institution's educational needs.
- Implemented a live streaming application to facilitate online classes for over 5,000 students through the company's platform.

Indian Institute of Technology, Kanpur 🏆

VAPT Intern

May 2019 - July 2019 | Kanpur, India

- Vulnerability Assessment and Penetration Testing in the field of Web application Security.
- Performed a comprehensive examination of potential web application vulnerabilities.
- Established a firewall with a proxy server to prevent such malicious activities.

📁 PROJECTS

Sorting Visualizer 🏆

- A React+Typescript web application to visualize sorting algorithms with appropriate animations.
- Key algorithms covered are Merge sort, Quicksort, Heap Sort.

Feed Forward Neural Networks Library (nicenet) 🏆

- Programmed an open-source feed-forward neural networks library from the ground up.
- Added support for exporting and loading functional models, for predictions, as well as for other enhancements.
- Published as a pip package on PyPI. Reached over 2000 downloads to date.

Handwritten Digit recogniser (MNIST) 🏆

- Modelled a neural network from scratch that can recognise handwritten digits with 98.86% accuracy.
- The model is trained with 50,000 samples of the MNIST dataset.

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.

- Designed a REST API to serve the predictions of the covid19 cases in 3 countries along with other insights.
- Predictions are generated from a data-driven model adapted from the SEIRD epidemiology model.
- Time series of covid19 cases are fed to the model regularly.

Sentiment Analysis using Naive Bayes Classifier 🏆

- Implemented a statistical model based on the Naive Bayes algorithm to determine the sentiment of a given English sentence.
- Trained with over 75,000 English sentences scraped over the internet.

🔗 CODING PLATFORM LINKS

Codechef 🏆

Leetcode 🏆