

Abhishek Sharma

Linkedin: Abhishek Sharma

Github: Abhi7410

Email: abhihsr1414@gmail.com

Mobile: +91-8708892462

EDUCATION

International Institute of Information Technology, Hyderabad

Hyderabad, India

Bachelor of Technology - Computer Science Engineering; GPA: 8.41

Nov 2020 - June 2024

Courses: Operating Systems and Networks, Data Structures, Analysis Of Algorithms, Machine Learning, Natural Language Processing, ML for Natural Sciences, Distributed Systems, Data and Application, Principles of Information Security, Linear Algebra

SKILLS SUMMARY

- **Languages :** Python, C, C++, JavaScript, SQL, Bash, JAVA
- **Frameworks :** Scikit, NLTK, SpaCy, TensorFlow, Keras, PyTorch, React, NodeJS, Express, Redux, Angular, Astro
- **Tools :** Docker, GIT, PostgreSQL, MySQL, SQLite, GraphQL
- **Platforms :** Linux, Web, Windows, Arduino, AWS

EXPERIENCE

Sprinklr

Gurugram, India

Product Engineering Intern(Full-time)

May 2023 - July 2023

- Leveraged Astro framework and React to enhance the performance of company landing pages by implementing static site generation and server-side rendering techniques.
- Developed and implemented optimized workflows using Astro and React to generate static pages, resulting in a significant performance improvement from an initial score of 50-60 to an impressive 95+.

ISB

Remote

Machine Learning Intern (Part-time)

Mar 2023 - May 2023

- Conducted extensive experimentation with various computer vision algorithms to analyze video frames and identify optical paths, using Python and computer vision techniques.
- Employed librosa library in Python to extract diverse sound features from the same video, enabling a comprehensive investigation into the influence of audio on audience engagement.

Anuta Networks

Remote

SDE Intern (Part-time)

Oct 2022 - Jan 2023

- A Cloud and on-prem Network Orchestration and Assurance Software based on Java-SpringBoot as backend and Angular as front-end. Worked in full stack development team, responsible for releasing new features and enhancing quality of the product.
- Identifying and resolving a critical bug in the product that improved its performance and enhanced the user experience using Java, Angular, JavaScript, Typescript
- Creating automation tests using Selenium and Groovy to ensure that product was functioning as expected.

Product Labs , IIIT-Hyderabad

Remote

SDE Intern (Part-time, Contractual)

Jan 2022 - May 2022

- Project Course - Developed a software that creates 3D video of 2D image incorporated and lip synced with an audio file. Users simply upload their photo and audio files to application, which then processes input and generates a lip-synced .
- It supports multiple functionalities like Google login/register, subscription, feedback, notifications, help page etc. Tech Stack used: MERN, AWS S3

PROJECTS

- **Word Sense Disambiguation (NLP, Supervised Learning) :**Worked on task to find corect meaning of word given context, which can be a building block for various high-level NLP tasks. Done with two kinds of approach , Supervised and Knowledge based. Tech: Python, NLTK. (May '23)
- **Digit Sum Prediciton Using CNN (Image Processing, Neural Networks) :**Developed a CNN model for the task of predicting the sum of digits in an image. The dataset consists of images with 4 digits and labelled data is the sum of those digits. The image is preprocessed using OpenCV's regionProps, Labels and Thresholding to identify the different regions containing the digits. Tech: Python, Tensorflow & OpenCV. (Jan '23)
- **StackOverFlow Duplicate Question Detection (Natural Language Processing, Machine Learning) :**Implemented DupPredictor which takes input a new question and gives output in form of k duplicate questions as the output by considering multiple factors like Title, Body, Tag and Latent topics similarity. Tech: Python, Genism & NLTK (Dec '22)
- **Canteen Portal (Web Development, Design of Software Systems) :**Created a web app which allows buyer to choose among the food list provided by different vendors across the campus in different canteens. It is a two way interface for both consumer and vendor. Tech: React, NodeJS, ExpressJS, MongoDB, Docker (Jan '22)

ACHIEVEMENTS

- Sport Programming: Expert(1643) on Codeforces, 5 Star on Codechef
- Got AIR 741 in JEE-Mains - Sept, 2020
- Got AIR 1740 in JEE-Advanced - Oct, 2020
- Bachelors (3 years) from Pracheen Kala Kendra , Chandigarh - 2014