

SHAURYA CHOUDHARY

Software Developer

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SUMMARY

Computer Science graduate passionate about data engineering and web development with good knowledge grasp of Data Structures and Algorithms. A capable leader, having led multiple Senior class projects to completion. Proficient in a range of modern technologies including Python. Excited to work and gain real-world experience.

SKILLS

Data Structures Algorithm Design & Analysis MySQL Linux
Git Machine Learning & AI Django

EXPERIENCE

Python Backend Developer

Vidrona Ltd.

07/2021 - Ongoing

Working on backend of an Inventory Management System to manage critical assets of the company.

Virtual Experience

JPMorgan Chase & Co.

11/2020 - 12/2020

Update user dashboard for stock analysis and visualization on native framework.

PROJECTS

TumorInsight

A Brain Tumor Detection and Classification model which classifies input Brain MRI image into 3 types of Tumor and shows detected tumor location. The trained RESNET50 classification model showed 99% accuracy.

<https://github.com/shaurya-src/TumorInsight>

Reinforced Stock Trading

Stock Trading agent trained on S&P500 dataset using Deep Q-Learning to predict future stock prices and trade stocks to achieve maximum profit. The trained model was able to produce profit of more than \$700.

<https://github.com/shaurya-src/Reinforced-Stock-Trading>

Road Safety Analysis

Analysis of UK Road Accident Safety dataset to analyze the patterns associated with Road Accidents and visualize observed findings.

<https://github.com/shaurya-src/Road-Safety-Analysis>

Text Compression using Huffman Coding

Used Huffman coding for lossless compression of text using min-heap Binary Tree. The designed greedy algorithm achieved 70% compression on a set of input cases and showed alterations in tree after each iteration for visualization.

<https://github.com/shaurya-src/Text-Compression-using-Huffman-Coding>

FIND ME ONLINE

LinkedIn
www.linkedin.com/in/shaurya-src

GitHub
www.github.com/shaurya-src

PROGRAMMING

Python



Java



HTML & CSS



SQL



EDUCATION

B.Tech, CSE

Vellore Institute of Technology

GPA
8.35 / 10

2018 - Ongoing Vellore

High School (12th)

DAV Public School

%age
71.4 / 100

2016 - 2018 Kota

Middle School (10th)

DAV Public School

GPA
9.4 / 10

2004 - 2016 Chirimiri

LANGUAGES

English Proficient ●●●●●

Hindi Native ●●●●●

French Beginner ●●●●●

ORGANIZATIONS

Apple Developers Group

Senior Core Member - Logistics & ML

IEEE - PCS

Senior Core Member - Design & Management

ACHIEVEMENTS

Spam: A Digital Pollution
Published journal on IJEAT (SCOPUS Indexed).

IBM Applied AI Specialization
Completed Applied AI online Specialization by IBM.