

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 to build inspiring projects. 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 efficiently manage critical assets of the clients.

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>

QuickDrop: A File Sharing Hub

A group file sharing platform built using Django framework and RDBMS. Easy to deploy web application with no restrictions and enhanced usability features.

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

Road Safety Analysis

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

<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-rya-src

 **GitHub**
www.github.com/shaurya-src

PROGRAMMING

Python



Java



HTML & CSS



SQL



EDUCATION

B.Tech, CSE

[Vellore Institute of Technology](#) CGPA **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](#) CGPA **9.4** / 10
2004 - 2016 Chirimiri

LANGUAGES

English Proficient ●●●●●

Hindi Native ●●●●●

French Beginner ●●●●●

EXTRA-CURRICULAR

Apple Developers Group

Senior Core Member - Logistics & ML

IEEE - PCS

Senior Core Member - Design & Management

CERTIFICATIONS AND PUBLICATIONS

 **Spam: A Digital Pollution**
Published journal on International Journal of Engineering and Advanced Technology

 **IBM Applied AI Specialization**
Completed Applied AI Specialization and received Professional Certificate

 **JPMorgan Chase & Co Virtual Experience**
Update user dashboard for stock analysis and visualization on native framework