AMAN VISHNOI

SOFTWARE DEVELOPMENT

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SKILLS

Programming Languages: Python · JavaScript · C++ · Apache Spark · Bash · HTML · CSS · SQL

Frameworks: Node.js · ReactJS · Flask · ExpressJS · Material UI · Bootstrap · JQuery · Hadoop

Data Science Libraries: PyTorch · TensorFlow · Keras · OpenCV · Sklearn · Pandas · Numpy

Databases: SQLite · MongoDB

Miscellaneous: Docker · FB Prophet · D3.js · Matplotlib · Plotly · DGL · NetworkX

EDUCATION

Indian Institute of Technology (IIT Bhilai)

Bachelor of Technology in Data Science And Artificial Intelligence — 2020- Present

CGPA: 9.01/10.0

PROJECTS

UrMechanic:

Ur Mechanic is a full-featured web application that allows individuals to sign up and search for mechanics, electricians, plumbers, and technicians in their neighborhood, as well as book their services at a time that is convenient for them.

Link to the hosted website is : https://urmechanic.co.in

Chit Chat:

Chit chat, like Gmail or hangouts, is an online service that allows you to send and receive messages from other people who have registered on the platform. All you need is a Chit Chat account to get started.

Link to the hosted website is : https://chit-chat-message.azurewebsites.net/

Sack Overflow Analysis:

Using Hadoop and distributed computing ideas, I analyzed the stack overflow data to extract various insights such as post per hour, top viewed posts, summary table median of comment length by month, etc plotted them.

Linkt to the project is : https://github.com/VishnoiAman777/Stack-Exchange-Analysis

California Road Network Analysis:

Using Apache Spark on a five-node cluster, I analyzed the California road network and drew some conclusions from the graph.

Link to the project is : https://github.com/VishnoiAman777/Analyzing-California-Road-Network-via-Spark

Wikipedia Graph Analysis:

Scraped Wikipedia data to create a Wikipedia graph and train a neural network to predict the difficulty of the page's content. Recommending topics to study before learning a topic based on the level of difficulty of the page.

Link to the project is : https://github.com/VishnoiAman777/WikipediaGraphAnalysis