Soman Yadav

LinkedIn: linkedin.com/in/somanyadav/
GitHub: github.com/somanyadav/

Mobile: +91 9354314660
Website: somanyadav.tech
Email: somanyadavofficial@gmail.com

EDUCATION

- **NIIT University**
  Bachelor of Technology - Computer Science
  Rajasthan, India
  July 2019 - June 2023

- **NIIT University**
  Business Analytics (Minors)
  Rajasthan, India
  July 2020 - June 2023

SKILLS SUMMARY

- **Languages**: Python, JavaScript
- **Frameworks**: ReactJS, NLTK, SpaCy, Gensim, TensorFlow, Scikit-Learn, Flask, Bootstrap
- **Tools**: GIT, MySQL, Firebase, Excel, Tableau, Visual Studio, Vim, Jira, Stack Overflow
- **Miscellaneous**: Data Structures, Algorithms, Microsoft Word, Microsoft PowerPoint, Googling

EXPERIENCE

- **Analyst - Educovery LLC**
  Intern
  Bengaluru, India
  Oct 2020 - Dec 2020
  - **Data Extraction**: Used automated tools to extract 1000-1500 schools data from primary and secondary sources.
  - **Data Cleaning and Visualization**: Cleaned the raw data and performed analysis (based on geographical and linguistic factors) by visualizing the data graphically with python.

- **Mentee Amazon ML Summer School - Amazon**
  Apprenticeship
  Remote
  June 2022 - July 2022
  - **Training**: Studied and acquired knowledge about key machine learning topics which lead to implementation and conceptualisation of a time series forecasting model.
  - **Time Series Forecasting**: Developed a web app that uses 9 machine learning models to predict future price/trend of stocks.

PROJECTS

- **YouTube Summarizer (NLP, Feature Computation, Feature Ranking)**: Web Application to summarize YouTube videos. Generates audio and text summary in various languages based on user's preferred length of summary.
  - **Tech**: *Python, Pytorch, Transformers, Streamlit* (May '22)

- **Placement Portal (Web Development, Auto-Emailers)**: A placement portal for NIIT University that sends automated invitations to companies. This whole process has its own workflow. Student details such as their placement applications and final selections, past and present placement trends are manifested using data visualisation.
  - **Tech**: *MongoDB, Express, React, NodeJS, Firebase* (April '22)

- **NU Connect: Unofficial University Website (Web Development, Augmented Reality)**: NU Connect is a web portal that provides services and contains information regarding nearby places, cab appointments, virtual tour, food ordering from inner as well as outer food hubs of NIIT University.
  - **Tech**: *HTML/CSS, JavaScript, EchoAR, Google Script, MySQL, Bootstrap* (February '21)

- **Social Network Analysis (Social Network, Data Analysis, Data Visualization)**: Examined the existing scientific literature related to how Social Network Analysis(SNA) is used to understand the behavior of learners in large collaborative learning settings that are partially or entirely based on computers/mobiles. Collected data of a university forum, visualized the data using a SNA tool and proposed a model to represent the learning initiative.
  - **Tech**: *MS Excel, Gephi* (June '22)

HONORS AND AWARDS

- **First Runner-Up**: Secured **second position** in hackathon **among 30+ teams** having around **200 students**. Developed a functional website for college students on the track "Community Around You". Added AR functionality to verify virtual ID cards and VR to view selected places of the university campus. - (June, 2020)

- **Second Runner-Up**: Won the **third prize** at university ideathon where a rural resident driven application was developed to serve and empower the rural residents of India by encouraging single window access for the residents to acquire their everyday requirements. - (December, 2020)

- **First Prize**: Won the category prize by **EchoAR among 600+ participants** at Amity's largest hackathon. Developed an AR-based application that plays videos when scanned over photos. This is an enhanced version of scrapbooks in which people can attach videos along with a particular photo. - (March, 2021)

- **GirlScript Hackathon India Finalist**: Developed a travel portal where one can experience their dream destination just by the use of their fingertips. Got selected among **top 10 teams of India**. (January, 2021)

- **Best Paper**: Devised a decentralized system to reduce traffic congestion by using "Gauss-Jordan Elimination" and Python (Machine Learning). Won the **best paper** award **among 250+ students**. (November, 2019)

VOLUNTEER EXPERIENCE

- **Campus Community Lead at Google Developer Student Clubs** — Rajasthan, India
  Conducted online and offline technical training impacting over 300 students. — *July 2021 - July 2022*

- **Technical Team Lead at Girlscript Alwar Chapter** — Rajasthan, India
  Developed websites, conducted Ideathons and mentored students of the community. — *May 2020 - May 2021*

- **IBM Z Ambassador** — Remote, India
  Interacted with global students from 5+ countries about IBM Z Enterprise Computing. — *Sep 2021 - Dec 2021*

- **Speaker at Hack-Odisha 2.0, National Institute of Technology - Rourkela** — Remote
  Invited as a speaker at the inagural hackathon of NIT Rourkela to give my views on Data Science. — *October 2022*