Tushar Tyagi

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EDUCATION

University school of information and communication technology (GGSIPU), Dwarka Dwarka , Delhi
B, Tech, Electronics and Communication Aug 2019 - May 2023
CGPA: **8.4 / 10**

WORK EXPERIENCE

Advanced Technology Group Trainee, DS GROUP | [Certificate](#) July'22 – Sept'22
● Data collection, Data analysis, use of statistics in data science, Effects of machine learning algorithms and Data management.
● Image processing and Worked on the development of dashboard for official site.

Summer Intern , ACM USICT [Certificate](#) Aug;21 – Sept'21
● Worked on Speech –translation project with the knowledge of Machine learning techniques using python
● Contributed to a team work to maintain semantic analysis project .

Freelancing , Front-end Web developer Oct'20 – Jan'20
● Worked on UI/UX enhancements of Web app and developed support for adding multiple user profiles
● Created front-end websites just like gym website , dashboard , main menu page of restraint etc.

PROJECT

E-Commerce React Application Present

- Creating a fully responsive Modern Full Stack Ecommerce application with Payments functionality. With Modern design, animations, the ability to add and edit products on the go using a CMS, all advanced cart functionalities, and most importantly the complete integration with Stripe so that you can cover REAL payments.
- Advanced State Management of the entire application using React Context API
- File-based routing, Data fetching that allows server-side rendering and static generation , use of Next.js as a backend endpoint.
- **Tech Stack:** React, Next.js ,Stripe ,Sanity

Diabetes Mellitus Prediction Using Machine Learning August 2022
● The aim of this project is to develop a system which can perform early prediction of diabetes for a patient with a higher accuracy by combining the results of different machine learning techniques.
● Predicting diabetes via three different supervised machine learning methods including: SVM, Logistic regression, ANN.
● This project also aims to propose an effective technique for earlier detection of the diabetes disease.
● **Tech Stack:** Python , ML , JupyterNotebook

Direct speech-text- speech voice translation project June 2021
● The objective of this project lies in translating language directly using voice charac- teristics of the source speaker. Hence, the key difference in this approach compared to the general machine translation techniques available today is the lack of an underlying text representation step during inference.
● Modern machine translation goes beyond simple word-to-word translation to communicate the full meaning of the original language text in the target language.
● **Tech Stack:** Python , VSCode

Portfolio Website Present
- A compilation of academic and professional materials that exemplifies beliefs, skills, qualifications, education, training, and experiences.
- **Tech Stack:** React js , Modern UI/UX

CERTIFICATES

● Data Structures in C++ , **Coding ninjas** – [**Link**](#)
● Career Essentials in Software Development by **Microsoft** and **LinkedIn –** [**Link**](#)
● Career Essentials in Data Analysis by **Microsoft** and **LinkedIn –** [**Link**](#)
● Vihaan 4.0 presented by IEEE student , **IEEE DTU** - [**Link**](#)

SKILLS

Language	Technologies
C++, Python, C, SQL, HTML, CSS , Javascript	Git, GitHub, ReactJs,
Tools	
Tableau , MS Excel	**Frameworks**
Soft Skills	Firebase, React, Sanity
Leadership**,** Writing, Public Speaking, Time Management	