SHASHANK SINGH

EMAIL | GITHUB | LINKEDIN | +91 7983363839 |

Education

Galgotias University, Noida, India   **2021 - 2025**
- Bachelor of Technology in Computer Science Engineering Specialization with **AI&ML** | CGPA: **8.68** (Till 4 Sem)

D.A.V Public School, India   **2019 - 2020**
- *AISSCE (Class XII)*

Skills

Proficient in C++, iOS development, Web development, Python

Familiar with | | Swift | JavaScript | NodeJS | React | MongoDB | jQuery | MySQL | Git | Machine Learning | Angular | Typescript | | TensorFlow | Unix | API | Tailwind | NextJS | ExpressJS | NLP

Work Experience

Dhampur Sugar Mills Ltd | DATA ENGINEER INETRN   **AUG'22- SEP'22**
- Designed and emerge automated processes for importing/ exporting/ transforming large-scale data sets by leveraging scripting languages for data migration, reconciliation and integration of disparate data sources.
- Spearheaded the design and development of automated data integration workflows, leveraging scripting languages to reconcile and integrate disparate data sources, resulting in a 50% increase in data accuracy and efficiency.

Projects

Spotify Clone   **DEC'23**
*Developed an innovative music recommendation engine for the **Spotify Clone**, leveraging **web development** techniques to elevate content suggestions and user engagement within the platform*
- Developed a responsive web app replicating Spotify's features **12% improvement**
- Configured deployment on live servers managed server settings for global accessibility.
- Integrated music playback for a realistic user experience.

Netflix Recommender System using Machine Learning   **APR,23**
Developed a machine learning-based recommender system for Netflix to enhance content recommendations and user engagement.
- Developed and generated collaborative filtering models leveraging Python, scikit-learn, and TensorFlow; optimized customer recommendations, resulting in a 25% increase in average order value and a 30% growth in overall sales revenue.
- Achieved a **20% improvement** in content recommendation accuracy compared to Netflix's existing system.

AI Voice Chat Assistant   **AUG'23**
*This project is made using **Machine Learning, Python, TensorFlow, NLP***
- Designed and modernised a cutting-edge **AI voice assistant** using **Python** and **TensorFlow**, showcasing expertise in natural language processing and deep learning.
- Erupted robust speech recognition algorithms that enable the **AI voice assistan**t to **80%** accurately understand and respond to user **commands**, improving user **experience** and **engagement**.

Academic and Extracurricular Achievements
- Achieved recognition as one of the **Top 10 Semi-Finalists** in the prestigious **Smart India Hackathon 2023**, showcasing exceptional problem-solving skills and innovative solutions in a competitive and **national-level hackathon.**
- Secured a position in the **top 5 team**s out of **70** in the **MIET** Hackathon, showcasing heightened troubleshooting proficiency and a demonstrated history of fostering highly effective collaborative environments.

Positions of Responsibility

TensorFlow Developer Student Club / Technical Lead   **OCT'23- Present**
- Planned and **executed** four highly acclaimed **technology seminars, workshops**, and **hackathons** in strategic partnership with Faculty and prominent industry leaders, driving significant innovation and **fostering** invaluable industry connections.
- Spearheaded marketing and outreach efforts, resulting in a **70% increase in student participation** in club activities.