

SHASHANK SINGH

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EDUCATION

GALGOTIAS UNIVERSITY

Bachelor of Technology

Major in Computer Science and Engineering

Cumulative GPA: **8.70/10**

Relevant Coursework: Data Structures, Software Engineering; Operating Systems; DBMS; Computer Networks; Artificial Intelligence

Greater Noida, IN

Oct 2021 - May 2025

S.F DAV PUBLIC SCHOOL

AISSCE (Class XII)

Muzaffarnagar, IN

Apr 2019 - Mar 2020

WORK EXPERIENCE

DHAMPUR SUGAR MILLS LTD

Data Engineer Intern

Aug 2022 – Sep 2022

- Designed and emerge automated process for importing/ exporting large scale data sets by leveraging scripting for data migration of 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.
- Implemented the data pipeline architecture in team of 5 for a new product.

PROJECTS

SPOTIFY CLONE

Dec 2023

- Redesigned an innovative for the **Spotify Clone**, leveraging **web development techniques** to elevate content suggestions and user engagement within the platform.
- Streamlined responsive web application replicating **Spotify's features** **12% improvement** configured deployment on **live server** for global accessibility.

AI VOICE CHAT ASSISTANT

Nov 2023

*This project is made using **Machine Learning, Python, TensorFlow, NLP***

- Designed and modernised a cutting-edge **voice assistant** using **Python** and **TensorFlow**, showcasing expertise in natural language processing and deep learning.
- Erupted robust **speech recognition algorithms** that enable the **Voice Assistant** to **80% accurately** understand and respond to user **commands**, improving user **experience** and engagement.

NETFLIX RECOMMENDER SYSTEM (ML)

May 2023

Developed a machine learning-based recommender system for Netflix for content recommendations and user-engagement.

- Modernized 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 response time.
- Achieved a **20% improvement** in content recommendation accuracy compared to Netflix's existing system.

ACTIVITIES

TENSORFLOW DEVLOPER STUDENT CLUB

Technical Lead

Greater Noida, IN

Oct 2023 – 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.

ADDITIONAL

Technical Skills: Advanced in SQL, Javascript, HTML/CSS; Proficient in C++, Python, MongoDB, Git, TypeScript, Tailwind, jQuery, React, NextJS, Swift, Unix, NodeJS.

Tools/Platforms: AWS, Vercel

Awards: Won **Dextrix 2023** a Inter University Hackathon hosted in Home University.

- Distinguished as one of the **Top 10 Semi-Finalists** in the highly competitive **Smart India Hackathon 2023**, showcasing exemplary problem-solving prowess and delivering innovative solutions that stood out among participants nationwide.