

SHASHANK SINGH

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[LinkedIn](#) | [LeetCode](#) | [GitHub](#)

EDUCATION

Galgotias University

Bachelors of Technology In Computer Science & Engineering Specialization with AI&ML
CGPA: 8.68

2021 - 2025

SF DAV Public School

(Class XII) AISSCE

2019 - 2020

EXPERIENCE

Dhampur Sugar Mills Ltd. | Data Engineer Intern

Aug'2022 - Sep'2022

- Designed and developed 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.

Google Devloper Student Club | Tech Management Lead

Jan'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.
- Forged strategic partnerships with esteemed faculty and high-level administration, seamlessly integrating pivotal technical workshops and training sessions into the core fabric of the college curriculum, resulting in a 40% increase in student enrollment and retention rates.

SKILLS

Programming Languages: C++, Python, java, javascript, Golang, Scala, SQL, PHP, Swift
Libraries/Frameworks: React, Nodejs, Git , TensorFlow, AngularJS
Tools / Platforms: Machine Learning, Deep Learning, IOS Dev.
Databases: Oracle , MongoDB, MySQL

PROJECTS / OPEN-SOURCE

Netflix Recommender System using Machine Learning

Pyhton, Streamlit, Tensorflow

- Developed a machine learning-based recommender system for Netflix to enhance content recommendations and user engagement.
- Utilized Python, scikit-learn, and TensorFlow to build and train collaborative filtering models.
- Collected and pre-processed user interaction data to create training datasets for the models.
- Effectuated state-of-the-art evaluation metrics like precision and recall to measure the performance of the recommender system.
- Achieved a 20% improvement in content recommendation accuracy compared to Netflix's existing system.

AI Voice Chat Assistant

Machine Learning, Python, Tensorflow, NLP

- Designed and implemented a cutting-edge AI voice assistant using Python and TensorFlow, showcasing expertise in natural language processing and deep learning.
- Integrated machine learning techniques to continuously improve the voice assistant's performance, enabling it to adapt and learn from user interactions for enhanced functionality and user satisfaction.
- Developed robust speech recognition algorithms that enable the AI voice assistant to accurately understand and respond to user commands, improving user experience and engagement.

CERTIFICATIONS

- Machine Learning - **Udemy**
- AngularJs - **Udemy**
- Introduction To Cyber Security - **Paloalto**

HONORS & AWARDS

Secured a position in the top 5 teams out of 70 in the MIET Hackathon, showcasing heightened troubleshooting proficiency and a demonstrated history of fostering highly effective collaborative environments.