

SHASHWAT SACHAN

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Education

Manipal University Jaipur, Jaipur

2020 - 2024

- Bachelor of Technology (B.Tech) in Computer Science and Engineering | CGPA: **8.87/10**

(expected)

Mercy Memorial School, Kanpur

- ISC(Class XII) , Aggregate: **94.4%**

2017 - 2019

- ICSE (Class X), Aggregate : 95 %

2015 - 2017

Work Experience

- **Lets Grow More** | Machine Learning

April'22 – May'22

Worked on developing projects related to machine learning, deep learning

Projects

Glaucoma Detection Project [LINK](#)

July'22

- Engineered a computer vision solution for detecting and classifying glaucoma using deep learning techniques; improved detection accuracy by 95% and reduced false positive rate by 75%.
- Used flask to build the frontend interface for application

Movie Recommendation system [LINK](#)

June'22

- Engineered a recommendation system for recommending movies with accuracy of over 90 % and 20% faster results.
- Used Naive Bayes Algorithm for the predictions.
- Used streamlit to build the frontend interface and used different ml technologies like numpy,pandas,keras.
- Used cosine similarity for generating the correlation matrix

Social Media API [LINK](#)

January '23

- Developed a performant Social Media API using the FastAPI framework with Python.
- Utilized Postgres database as the backend for efficient data management and seamless scalability.
- Ensured data security and authentication through JWT-based tokenization and password hashing.

Academic and Extracurricular Achievements

- **3 star** on **LeetCode** with over 750 problems solved. [@shash1977](#)
- **3 star** on **Codechef** with multiple under 200 ranks in different contests.[@shash1977](#)
- **Pupil** on **Codeforces (Max Rating – 1384)** . In **top5 percentile** among 54,000 participants in India.[@shash143](#)
- Secured a **rank of 491** in **ICPC Amritapuri 2022 Qualifier Round**.
- **5*** problem solving, Python and C++ in **Hackerank** .
- Solved over **1500 DSA problems** across all the platforms.
- Finalist in **Dell Hack-to-hire hackathon** having over **200** participants.
- Rated Expert on **Kaggle** with multiple notebooks with bronze medals . [@kaggle](#)
- Secured **global rank 27** in April long 2022, **global rank 175** in starters 32 on codechef.

SKILLS

Technical Skills

C++,JavaScript,Node.js,TensorFlow,scikit-learn,ML,Deep Learning, Git, streamlit,FastAPI

Non Technical Skills

Teamwork,Communication Skills, Leadership,Adaptability,Problem Solving,Creativity

Certificates

Cisco Networking Essentials ([link](#))

Red Hat Administration II (RH134) ([Link](#))

Red Hat Administration I (RH124) ([link](#))

Database Foundations ([link](#))