Rajveer Singh

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SKILLS

Languages:	Python, Java, C, C++
Web Technologies:	HTML, CSS, JavaScript, Django
Database:	MySQL, SQLite
Tools/Platforms:	Git, GitHub, Kaggle, Jupyter Notebook, Google Colab, Visual Studio Code
Soft Skills:	Problem Solving, Analytical Thinking, Adaptability, Team Collaboration, Time Management

PROJECTS

Synapse – Django based Social Media Web Application | GitHub   Feb 2026
- Engineered a full-stack social media web application using Django framework with secure user authentication, profile management, and post interaction features.
- Architected and optimized backend functionality using Django ORM and MySQL database to handle user data, followers system, and dynamic content rendering.
- Implemented interactive features including user search, follow/unfollow system, and real-time messaging logic to enhance user engagement.

Technologies: Django, Python, HTML, CSS, JavaScript, MySQL

Heart Attack Prediction Model | GitHub   Jul 2025
- Designed a machine learning–based heart attack risk prediction system using clinical health indicators to support early identification of high-risk patients.
- Constructed an end-to-end ML pipeline including data preprocessing, outlier handling, feature scaling, and model training using Logistic Regression, Random Forest, SVM, and XGBoost with performance evaluation via Accuracy, Precision, Recall, and ROC-AUC metrics.
- Enhanced model performance using GridSearchCV, achieving ~85% prediction accuracy, and implemented result visualization and model persistence using joblib for practical experimentation and reuse.

Technologies: Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, GridSearchCV, Jupyter Notebook, MySQL, Joblib

TRAINING

Fifth Force Summer Training | Certificate   Jun 2025 – Jul 2025
- Completed an industry-oriented Machine Learning and AI training program covering end-to-end workflows including data preprocessing, feature engineering, model development, evaluation, and deployment practices.
- Gained hands-on experience in supervised and unsupervised learning, deep learning fundamentals, and explainable AI techniques through practical exercises and real-world problem scenarios.
- Applied acquired concepts by developing a capstone project, a heart attack prediction model, demonstrating practical implementation of machine learning pipelines and performance optimization techniques.

CERTIFICATES

- Google Cloud – Gen AI Academy 2.0 – AI/ML Track | Certificate   Jan 2026
- TryHackMe – Advent of Cyber 2025 | Certificate   Dec 2025
- Infosys – Build Generative AI Apps and Solutions | Certificate   Aug 2025
- CSE Pathshala – Mastering in C: Basic to Beyond | Certificate   Mar 2024

ACHIEVEMENTS

- Solved 300+ coding problems on LeetCode, strengthening data structures, algorithms, and analytical problem-solving skills | Profile
- Completed GfG 160 – 160 Days of Problem Solving challenge, demonstrating sustained consistency in algorithmic practice and DSA learning | Certificate

EDUCATION

Lovely Professional University   Punjab, India
B.Tech – Computer Science and Engineering (AI & ML); CGPA: 7.86   Aug 2023 – Present

Sanskriti K.M.V School   Jalandhar, Punjab
Intermediate; Percentage: 74.2   Apr 2022 – Mar 2023

Sanskriti K.M.V School   Jalandhar, Punjab
Matriculation; Percentage: 90.8   Apr 2020 – Mar 2021