

Reetesh Kumar

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Career Summary

A motivated and high-achieving student with a strong academic record, recognized as a top performer at Workers Model School through excellence in academics and active participation in science projects, computer labs, and extracurricular activities. Currently pursuing self-directed studies in Artificial Intelligence and Data Science, developing practical skills through hands-on projects and online platforms. Passionate about applying data-driven solutions, eager to contribute innovative ideas, and continuously expanding knowledge in modern technologies. Passionate about applying data-driven solutions and building modern web applications with React and Tailwind CSS.

Education

Virtual University of Pakistan – BS in Computer Science (Ongoing, 2024 – 2028)

SMIT – AI & Data Science (In Progress)

Skills

Programming & Core

- Python, R, SQL, C++ (for algorithms)
- Data Structures & Algorithms, Object-Oriented Programming (OOP)

Data Handling & Analysis

- NumPy, Pandas, Scikit-learn
- Data Cleaning, Preprocessing, Feature Engineering
- Exploratory Data Analysis (EDA)
- Data Visualization: Matplotlib, Seaborn

Machine Learning & AI

- Supervised Learning (Regression, Classification)
- Unsupervised Learning (Clustering, Dimensionality Reduction)
- Deep Learning (Neural Networks, CNN, RNN, Transformers) – TensorFlow / PyTorch

Web Development

- Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS
- Backend: Node.js, Express.js
- Database: MongoDB
- Other: REST APIs, Responsive Design

Other Tools

- Git/GitHub
- Jupyter Notebook, VS Code

Projects

Data Analysis & Visualization

- COVID-19 Data Tracker & Predictor using Pandas + Matplotlib
- Stock Market Analysis (Time Series Forecasting)

Machine Learning

- Customer Churn Prediction (Classification)
- Credit Card Fraud Detection (Imbalanced Dataset Handling)

Python Projects

- Jarvis (Virtual Assistant)
- Password Generator
- Text Speaker
- Secret Language Converter

Web Development

- Doctor Portfolio Website – A responsive React portfolio for doctors with appointment booking, reviews, and daily patient statistics.
- Student.ai (In Progress) – AI-powered study assistant with features like note summarization, flashcards, study planner, and transcriber.
- Personal Portfolio – Built using React & Tailwind CSS, featuring animations, projects, and skills showcase.