

Karanveer Singh

✉ atishmanhas9@gmail.com

BSC, Government Gandhi Memorial Science College, Jammu

☎ +91-9596085704

🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•Bachelor of Science (B.Sc.) in Mathematics

Jammu, India

Cluster University of Jammu, Govt. Gandhi Memorial College

- Graduated with strong foundation in Mathematics, Statistics, and Computer Science fundamentals.
- Active participant in NSS and served as intern teacher for one year teaching basic computer skills.

•Data Science with SQL Certificate

Jammu, India

Edureka

- Completed a Data Science with SQL program, covering Python, SQL, Data Analysis, and Machine Learning.
- Applied skills to real-world datasets and final internship project.
- Certificate Link: [View Certificate](#)

PERSONAL PROJECTS

•YouTube Shorts Auto Clipper & Editor

An AI-powered tool that clips YouTube videos directly from streaming URLs and edits them into shorts. [\[Repository Link\]](#)

- Bypassed full video downloads using yt-dlp stream clipping for efficiency.
- Implemented auto-editing to generate shorts of varying durations (20–30 seconds).
- Technology Used: Python, MoviePy, yt-dlp, FFmpeg.

•Stock Market Analysis & Recommendation Tool

An end-to-end stock analysis system fetching live/historical market data from Yahoo Finance. [\[Repository Link\]](#)

- Processed datasets to compute 50-day & 200-day moving averages, volatility, and short-term performance.
- Developed a Buy/Hold/Sell signal generator with Low/Medium/High risk classification.
- Automated chart plotting and PDF report generation for quick investor insights.
- Technology Used: Python, Pandas, yFinance, Matplotlib, FPDF, GitHub.

•Mouse Control Automation Tool

A Python-based automation tool for controlling the mouse via gestures and scripts. [\[Repository Link\]](#)

- Used computer vision to detect hand gestures for mouse movement and clicks.
- Enhanced accessibility for users with limited mobility.
- Technology Used: Python, OpenCV, PyAutoGUI, MediaPipe.

INTERNSHIP EXPERIENCE

•Data Science with SQL Intern

Remote

Edureka, Jammu, India

June 2025

- Completed a one-month internship focusing on integrating SQL with Data Science workflows.
- Worked on data cleaning, transformation, and querying large datasets for analytical insights.
- Applied advanced SQL functions to extract, aggregate, and join complex data efficiently.
- Implemented real-world SQL use cases to support predictive analytics in business scenarios.
- Prepared detailed documentation and final project report: *Data Science with SQL Internship Project*.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, C++,

Libraries: NumPy, Pandas, Matplotlib, OpenCV, PyAutoGUI, MoviePy

Web Development Tools: VS Code, Git, GitHub,

Cloud / Databases: MySQL

Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Machine Learning, Computer Vision, Web Development

Areas of Interest: AI-driven Applications, Computer Vision, Automation Tools

Soft Skills: Problem Solving, Self-learning, Adaptability, Team Collaboration