

Rahul Singh

+91 6290516034 | rahulsingh19.ind@gmail.com | LinkedIn | GitHub | Portfolio

Experience

Junomoneta Finsol Pvt. Ltd.

Aug 2025 – Present

Assistant Research Analyst

- Conduct financial time-series analysis on large-scale real-time and historical datasets using Python, Excel, and API-integrated pipelines.
- Developed automated reporting systems, reducing manual analysis effort and improving reporting efficiency.
- Designed rule-based analytical frameworks for performance evaluation and risk assessment, enabling structured and consistent decision-making.

IBM SkillsBuild

July 2024 – Aug 2024

Artificial Intelligence Internship

- Built an AI-powered personalized learning platform for underprivileged children using IBM Watson, improving content personalization and accessibility.

Projects

Rule-Based Analytics & Backtesting Engine

- Built a modular Python engine processing 15+ years of minute-level financial data.
- Automated KPI generation (win rate, drawdown, rolling stability), reducing manual analysis effort by approx. 30%
- *Technologies: Python, Pandas, NumPy, API Integration*

Dysgraphia Classification Using CNN

- Designed a CNN-based deep learning system for handwriting classification and early dysgraphia detection.
- *Technologies: Python*
- *Models: EfficientNetB0, Custom CNN*

Retail Sales Data Analysis

- Analyzed 10K+ sales records to identify customer behavior and product profitability.
- Generated actionable insights using data visualization.
- *Technologies: Python (Pandas, Matplotlib, Seaborn)*

Portfolio Website

- Developed a personal portfolio website showcasing projects and skills.
- *Technologies: HTML, CSS, JavaScript*

Skills

Languages: Python, SQL, C, HTML
Tools: Pandas, NumPy, Tableau, Excel, DBMS, R
Concepts: Data Analysis, Data Visualization

Education

MCKV Institute of Engineering

2021 – 2025

B.Tech in Computer Science and Engineering (Data Science) CGPA: 9.44

Shree Jain Vidyalaya For Boys

2019 – 2020

WBCHSE: 84.4%

Certifications & Achievements

- NISM Series VIII – Equity Derivatives Certification Examination
- SQL (Intermediate) – HackerRank
- TCS iON CareerEdge – Young Professional
- Secretary, Startup Club of MCKVIE
- Director, Club Services – Rotaract Club of MCKVIE