

Jatin Sharma

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EDUCATION

Bachelor of Technology, Icfai University, 9.0 CGPA

Aug 2020 – present | Jaipur, India

PROFESSIONAL EXPERIENCE

WorldQuant BRAIN (Part- Time), Research Consultant

Nov 2022 – present | Mumbai, India

- Part of the High-Frequency Trading team in WorldQuant BRAIN which is a subsidiary of WorldQuant.
- Developed Quantitative Trading strategies known as Alphas for various markets using Websim, an online modeling platform.
- Generated Statistical Arbitrage models to predict the future price movement of securities in the Equity based asset class.

Fantasy Dekho (Internship), Data Analyst

Oct 2002 – Jan 2023 | Jaipur, India

- Analyzed sales figures, market research, logistics, etc., performed data profiling and analysis, and created data quality metrics.
- Managed a process re-engineering project to improve and consolidate end-to-end service processes and was responsible for communication flows among content creators.
- Managed customer expectations and internal deliverables to ensure timely and efficient delivery of data analytics and also increased the traffic on the site by 123% from October to December.

Pie-Gamers (Internship), Backend Developer

Jun 2022 – Aug 2022 | Jaipur, India

- Built the infrastructure, toolset, and deployment pipeline to support API development.
- Designed and developed robust services in coordination with frontend developers and produced well-tested, high-quality code with the Django Rest framework.
- Increased sales by 50% within two months of joining and worked directly with the business to implement features and understand use cases.

PROJECTS

Stock Market Prediction, GitHub Link [↗](#)

Made a stock market price predictor based on the LSTM algorithm. In this, we created timesteps of 100 days and compared the accuracy with test data. We also predicted the future 30-day stock price.

Movie Recommendation System, GitHub Link [↗](#)

Created a Recommendation system for movies. It uses cosine similarity for recommending movies with the help of tags. In this, tags are created by all the tag names of the movie, and after we use them like a vector.

SKILLS

Hard Skills (C++, OOPs, Python, SQL, Probability and statistics, linear algebra, calculus, finance)

Soft Skills (Verbal communication, teamwork, decision-making)

CERTIFICATION

Introduction to TensorFlow for AI, ML and DL, Coursera [↗](#)

Jul 2023 – Aug 2023

Part of specialization of DeepLearning.AI TensorFlow Developer Professional Certificate. Using convolutions to improve neural networks, training a neural network for a computer vision application.

Convolutional Neural Networks in TensorFlow, Coursera [↗](#)

Aug 2023 – Sep 2023

Part of specialization of DeepLearning.AI TensorFlow Developer Professional Certificate. Used convolutions with large datasets and also implemented image augmentation, dropout, regularization, and transfer learning on multi-class classification.

Machine Learning A-Z™: AI, Python & R, Udemy [↗](#)

Mar 2023 – Apr 2023

Building powerful Machine Learning models and deciding which Machine Learning model to choose for each type of problem. Handling specific topics like Reinforcement Learning, NLP, and Deep Learning.

Data Science with Python, NPTEL, IIT Madras [↗](#)

Feb 2022 – Apr 2022

Fetching information from various sources and analyzing it to get a clear understanding of how an organization performs. Analyzing data using analytical, statistical, and programmable skills.

POSITION OF RESPONSIBILITY

Secretary, Student Council, ICFAI Tech School

Aug 2022 – Jul 2023

Accountable for the student council of the Icfai Tech School consisting of 600 students for executing all major events and functions and leading a team of highly talented people from different domains.

Coordinator, Innozanta Club, ICFAI Tech School

Sep 2022 – Jul 2023

Part of a highly professional individual that creates awareness, educates, nurtures, and inculcates a culture of innovation among students.