# Varun Jain

Data Scientist

## WORK EXPERIENCE

### Coding Samurai

Data Scientist Intern                                    12/2023 – Present

- Analyzed and cleaned Airbnb data for Seattle, utilizing Python tools for statistical insights and visualizations, revealing trends in property types, neighborhoods, and pricing.
- Incorporated geospatial mapping and time series analysis, uncovering spatial popularity patterns and temporal trends in listing numbers and pricing.

## VOLUNTEERING ACTIVITIES AND EXTRACURRICULARS

### E-Cell VIT Bhopal

Core Member                                    09/2021 – 05/2023

- Spearheaded as a Core Member of the Design Team, contributing to 80% improvement in design quality
- Designed and created all graphical content for the team, including posters and banners.

## PROJECTS

### Sales Insight                                    07/2023 – 08/2023

- Transformed 4 years' worth of data into actionable visual insights, facilitating data-driven decision-making.
- Identified the top 5 customers and top 5 products, along with their cumulative revenue generated over 4 years.
- Executed proficient Data Analysis and Visualization using SQL, Microsoft Excel, Tableau, and Microsoft PowerBI

### KRISHTI                                    01/2023 – 02/2023

- Led the development of a high-accuracy machine learning model (90%) for potato disease detection.
- Enhanced crop health assessment through leaf photo analysis, achieving over 50% crop protection and yield optimization for farmers.
- Utilized Python, TensorFlow, ReactJS, GCP, and FastAPI to reach a 90% accuracy in a high-precision ML model
- Managed Machine Learning algorithms as a Backend Developer in a 2-member team

### CSVConnect                                    08/2023 – 09/2023

- Engineered a CSV Importer, reducing data processing time by 50% and streamlining data integration with Google Docs.
- Implemented advanced data filtering capabilities, applying filters to specific columns and enhanced efficiency by 30%
- Leveraged Python, Flask, GoogleDrive API, GoogleSheets API, and Web Technologies achieving a 25% increase in development efficiency

---

## CONTACT

- Yamunanagar, Haryana, India
- Mobile: +91-7082415252
- Mail: varunjain5252@gmail.com
- www.linkedin.com/in/varun-jain-7394b11b8/
- https://github.com/VarunJain-2001

## SKILLS

*Programming Languages:*
- Python
- Java
- MySQL
- PostgreSQL
- HTML
- CSS

*Technical Skill:*
- Data Analysis
- Machine Learning
- Artificial Intelligence
- Flask
- Data Visualization

*Tools and Software:*
- Tableau
- Microsoft PowerBI
- Microsoft Office
- Google Docs
- Visual Studio Code
- PyCharm
- IntelliJ IDEA
- Jupyter Notebook
- Canva
- Adobe Photoshop

## EDUCATION

Vellore Institute of Technology
Bachelor of Technology
Major in Computer Science
Minors in Artificial Intelligence and Machine Learning
Bhopal, Madhya Pradesh — 07/2024

Cumulative GPA: 8.6/10

## Certifications

- IBM Data Science, Coursera
- Google Data Analytics, Coursera
- Data Science, Board Infinity
- Fundamentals of Data Analytics, Nasscom