

AMAN CHATURVEDI

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SUMMARY

Results-driven Python Developer with expertise in Data Science, AI, and Machine Learning. Skilled in Python, SQL, and AI-powered automation, with hands-on experience in developing intelligent chatbots, predictive models, and scalable data solutions. Passionate about transforming complex data into actionable insights and optimizing business processes through AI-driven innovation. Always eager to explore new technologies and build efficient, data-centric solutions.

WORK EXPERIENCE

- **Python Developer** Noida, U.P.
OEDEC Engineering Private Limited Feb 2025 – Present
 - Developed AI-powered chatbot of answering domain-specific queries using NLP and LangChain.
 - Built machine learning models for predictive analytics and automation in business processes.
 - Integrated APIs and third-party AI services to enhance chatbot functionality.
 - Designed and optimized data pipelines for AI-based applications.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, C, C++
- **Web Development:** HTML, CSS, JavaScript, Django
- Understanding of **Data Structures and Algorithms**
- **Data Science & AI Tools:**
 - **Python Libraries:** NumPy, Pandas, Matplotlib, Scikit-Learn, LangChain, Beautiful Soup
 - **Machine Learning & AI:** NLP, Generative AI, LLMs, Linear Regression, Decision Tree, Random Forest
 - **Database Management:** SQL, MySQL
 - **Mathematics:** Statistics, Probability, Linear Algebra, Matrices
 - **Data Visualization:** Power BI, Excel
- **Version Control:** Git, GitHub

EDUCATION

- **B.TECH. in Computer Science and Engineering - Data Science** **CGPA: 7.92**
 - Oriental Institute of Science and Technology, Bhopal Aug 2020 - July 2024

ACADEMIC PROJECTS

- **Onion Price Prediction** [GitHub Repository](#)
Developed a **machine learning** based project aimed at optimizing market prices for onion farmers, ensuring they receive the most competitive and fair pricing in urban markets.
 - **Technologies Used:** Python, NumPy, Pandas, Matplotlib, Scikit-Learn
- **City Supermarket Sales Dashboard and Forecasting** [GitHub Repository](#)
Developed an interactive dashboard to provide insights and analyze online sales data using **Power BI**.
- **Basic Calculator** [GitHub Repository](#)
Developed a simple calculator application for arithmetic operations using **HTML, CSS and JavaScript**.

CERTIFICATIONS

- **Introduction to Data Analytics** [Coursera](#)
- **Excel Basics for Data Analysis** [Coursera](#)
- **Python for Intermediate** [MySirG](#)
- **Data Structures and Algorithms using C** [MySirG](#)
- **Data Visualization: Empowering Business with Effective Insights** [TCS e](#)