

AJAY SINGH

Aspiring Data Scientist and Analyst



Contact

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Education

- MCA, Chameli Devi Group of Institutions, Indore — 2024–2026
- BCA, Vikram university — 2022-2024 | CGPA: 7.6
- Diploma in Data Science & Analytics, Tokyo Analytics — 2024
- 12th (MP Board) — 2021 | 71%
- 10th (MP Board) — 2019 | 71%

Key Skills :-

Programming & Data Analytics

- Python (Pandas, NumPy, Matplotlib, Scikit-Learn)
- SQL (MySQL / PostgreSQL)
- Machine Learning (Supervised & Unsupervised Learning)
- Data Cleaning & Data Wrangling Statistical Analysis

Data Visualization & BI Tools

- Power BI (Interactive Dashboards & DAX)
- Advanced Excel (Pivot Tables, VLOOKUP, Charts, Automation)

Web Development

- PHP Laravel (Live Project Experience)
- HTML, CSS, JavaScript (Basic)

Tools & Platforms

- Jupyter Notebook
- Git & GitHub
- VS Code
- Anaconda
- Google Colab
- Postman

Other Skills

- Problem Solving
- Communication Skills
- Team Collaboration
- Analytical Thinking

Experience:-

1. Data Science & Analytics Intern — ZIDIO

- Analyzed large customer datasets using Python and SQL.
- Automated repetitive data-cleaning tasks (30% faster processing).
- Designed & deployed Power BI dashboards for reporting.
- Improved customer segmentation insights. • Tools: python, SQL, Excel, Jupyter, PowerBI.

2. Web Developer Intern — Cysco.in

6 Months | Worked on live projects using PHP Laravel, HTML, CSS, and MySQL. Collaborated with the development team to build and maintain dynamic web applications.

Projects:-

- Visa Analysis: EDA + visualizations to understand approval trends.
- NY Property Analysis: Pricing factor analysis & market insights.
- T-20 World Cup Dashboard: Power BI dashboard for team/player performance.

Hospital Management System | Laravel, MySQL, Bootstrap

Developed a role-based Hospital Management System using **Laravel MVC**, enabling efficient management of patients, doctors, appointments, and billing operations.

- Implemented **Authentication & Authorization** with multi-role access (Admin, Doctor, Staff, Patient).
- Designed and optimized **MySQL database** with relationships for patient records, prescriptions, labs, and ward management.
- Built modules for **Appointment Booking, Pharmacy Inventory, Bed Allocation, and OPD/IPD Billing**.

- Integrated **CRUD operations** and **RESTful controllers** to handle real-time data updates.
- Created dashboard with **charts & reports** for hospital analytics.
- Improved UI using **Blade Templates & Bootstrap** for a responsive and user-friendly interface.
- Ensured data integrity with **validation**, **middleware** security, and **role-based access control**.
- Used **Laravel Eloquent ORM** for database operations and **Migrations** for version-controlled schema.

Certifications

- AI and Data Scientist — Oneroadmap
- Data Analytics — Oneroadmap
- AI For India 2.0 — Skill India

Professional Summary:-

Motivated Data Science and Analytics enthusiast with strong skills in Python, SQL, Machine Learning, and Data Visualization using Power BI and Excel. Hands-on experience in analyzing complex datasets, building predictive models, automating data workflows, and delivering actionable insights to enhance decision-making. Additionally skilled in web development using Laravel, with experience building a fully functional Hospital Management System. Committed to continuous learning, problem-solving, and contributing to impactful business solutions through data-driven approaches.