ARJUN SHARMA

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📍 Yamunanagar, Haryana, India

PROFILE

Motivated BCA student with a strong foundation in software development, data analysis, and machine learning. Proficient in Python, Java, and full-stack web technologies such as Django and MySQL. Experienced in building real-world applications like a secure web authentication system and a health recommendation engine. A fast learner and team player seeking an entry-level software engineering role to contribute to impactful projects and grow professionally.

SKILLS

TECHNICAL SKILLS:

- **Programming Languages:** Python, Java, JavaScript
- **Frameworks & Libraries:** Scikit-learn, Pandas, Django, Matplotlib, Seaborn, Pyplot
- **Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Machine Learning, Natural Language Processing (NLP)
- **Tools & Technologies:** Git, GitHub, Jupyter Notebook, Excel, HTML, CSS, Kaggle, Google Colab

SOFT SKILLS:

- Strong Analytical and Problem-Solving Abilities
- Effective Communication
- Team Collaboration
- Adaptability and Fast Learning

PROJECTS

AI Based Medical Diagnosis Assistant (Machine Learning Project)

Technologies: Scikit-learn, Pandas, Matplotlib, Seaborn
- Developed a machine learning model to predict diseases from user-input symptoms using classification techniques.
- Collected and cleaned health-related data to train and evaluate the model with improved accuracy.
- Delivered personalized health insights including precautions, diet plans, and medication recommendations.

User Authentication Web Application (Django)

Technologies: Django, MySQL, HTML, CSS, Bootstrap
- Engineered a full-stack web application with secure user authentication and session handling.
- Implemented login, logout, registration, password reset, and form validation using Django's built-in auth system.
- Built CRUD operations to manage user profiles and secure session states.

Retail Sales Data Analysis Dashboard (Python Pandas)

Technologies: Python, Pandas, Matplotlib, Seaborn, Pyplot
- Performed exploratory data analysis on retail sales data to identify high-performing products.
- Calculated state-wise profit margins and evaluated the impact of advertisement on sales.
- Generated visual dashboards and recommendations to support strategic decision-making.

EDUCATION

Bachelor of Computer Applications (BCA)
Maharishi Markandeshwar University, Mullana, Ambala
Expected Graduation: May 2026

Senior Secondary (Class XII) – CBSE
Vishva Bharti Public School, Yamunanagar, Haryana
Percentage: 86.2% (2023)

Secondary School (Class X) – CBSE
Vishva Bharti Public School, Yamunanagar, Haryana
Percentage: 86.2% (2021)

CERTIFICATES

- The complete Python bootcamp by Jose Portilla , Pierian Training (Udemy, 2023)