Archana Verma

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OBJECTIVE

Motivated MCA student specializing in Artificial Intelligence and Data Science with programming, analytical, and database management skills. Seeking an entry-level opportunity to apply my technical knowledge in AI, web technologies, and data-driven solutions.

Education

• **Graphic Era Hill University, Dehradun**
MCA (Artificial Intelligence & Data Science) — **Pursuing**
• **IFTM University, Moradabad**
Bachelor of Computer Applications (BCA) — **88.7%**
• **NIOS, Moradabad**
12th Grade — **62%**
• **Saint Mira Academy, Moradabad**
10th Grade — **70%**

SKILLS

- **Programming Languages:** C, Python, HTML, CSS, JavaScript
- **Database:** MySQL
- **Tools & Platforms:** VS Code, XAMPP, GitHub
- **MS Office Suite:** Excel, Word, PowerPoint
- **Soft Skills:** Time Management, Creativity, Adaptability, Quick Learning
- **Technical Interests:** Artificial Intelligence, Data Analytics, Web Development

Internship

Emerging Technologies (AI & Cloud) Intern

Edunet Foundation in collaboration with AICTE & IBM SkillBuild
Jul 2025–Aug 2025 (1 Month)

- Completed practical assignments on **AI, Cloud Computing**, and IBM Cloud services.
- Developed hands-on solutions applying **AI workflows, cloud deployment, and industry tools**.
- Gained practical exposure to **cloud platforms, AI models, virtual environments, and automation pipelines**.
- Enhanced ability to design computing solutions aligned with cloud and AI industry standards.

PROJECTS

1. Disease Prediction System using Machine Learning

- Technologies: Python, Scikit-learn, Flask, Streamlit, Pandas, Numpy,Matplotlib, Seaborn
- Developed a machine learning–based web application to predict disease likelihood using health and lifestyle parameters such as BMI, glucose, and cholesterol.
- Implemented Random Forest Classifier achieving ~95% accuracy on test data.
- Integrated Flask backend and Streamlit frontend for real-time predictions.
- Visualized data trends using Matplotlib and Seaborn (heatmaps, radar charts, lifestyle analytics).

2. AI-Suggested Food & Quick Ordering-Web Application

- Technologies used: HTML, CSS, JavaScript, Node.js, Express.js, LocalStorage
- Developed an AI-based system to recommend food items based on user mood using rule-based logic in JavaScript.
- Implemented dynamic bill generation, order history management, and a password-protected admin panel
- Designed a fully responsive and user-friendly interface for quick food ordering, suitable for cafés and canteens
- Integrated basic backend with Node.js and Express.js to store order details securely.

CERTIFICATIONS

- Cybersecurity Training — ICT Academy & Honeywell CSR Initiative, February 2024
- AI for Beginners — HP LIFE, April 2025
- Data Analytics Job Simulation — Deloitte, April 2025
- Research Methodology and Statistical Analysis (MCO03) — SWAYAM (Indira Gandhi National Open University), *Jul 2025*
- Hands-on Exposure on Advanced Database Concepts using Microsoft SQL Server — Graphic Era Hill University, July 2025

WORKSHOPS & PARTICIPATIONS

- Workshop on Patent, Research Paper, and Journals — IEEE Student Branch, GEHU, *Aug 2025*
- MindSprint – National Level Quiz Competition — CodeElevate Academy, *Certificate of Participation, 2025*