

Aryan Chauhan

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OBJECTIVE

Aspiring AI and web development enthusiast with hands-on experience in C++, Python, HTML/ CSS, JavaScript, dedicated to designing and building AI models and algorithms in machine and deep learning with responsive and scalable user interfaces.

SKILLS AND INTERESTS

- **Programming Languages:** C, C++, Python, SQL, HTML, CSS, JavaScript
- **Libraries:** NumPy, Pandas, matplotlib, Scikit Learn, TensorFlow, OpenCV, Stream lit
- **Frameworks:** Django, Flask, React.js, Node.js
- **Software/Services:** Microsoft Azure, Tableau, Power BI, MYSQL Workbench
- **Relevant Courses:** Basics of Computing, Database Management System, Probability and Statistics, Data Structures & Algorithms, Operating Systems, Machine Learning, Object-Oriented Programming

EDUCATION

Delhi Technical Campus

Bachelors of Technology in Computer Engineering

Dec 2021 - June 2025

CGPA: 8.97

Blue Bells Public School

Aug 2019 – Aug 2021

Percentage: 86.5

Senior Secondary (Class XII)

Blue Bells Public School

March 2018- May 2019

Percentage: 94.6

High School (Class X)

Experience

Business Analyst Intern | Aditya Birla Fashion & Retail Ltd.

Feb 2025 - Present

- Monitoring **Power BI and Adobe analytics** dashboards to track sales and **CRM performance** of the brand
- Transformed complex real-time datasets into actionable insights, driving a 25% enhancement in operational efficiency and decision-making processes
- Optimized **MySQL database** queries, reducing page load times by 10 seconds

AI Intern | IBM

Mar 2024 - Apr 2024

- Researched and implemented AI assistant in legal proceedings, improving data ingestion
- Created a law assistant **using IBM Watson's NLU** with a **text-to-speech module** for voice assistance
- Conducted an extensive research and evaluation, increasing test coverage and reducing defects by 25%

CERTIFICATIONS

- Introduction to Data Science (Infosys)
- Data Analytics Essentials (CISCO)
- Deep Learning Fundamentals (Deep Learning.ai)

PROJECTS

PIXVERSE | AI-Powered Image Processing (Python, OpenCV, Flask, PyTorch, Stream lit)

- Built a **CNN-based model** for image enhancement, enabling to upload and download of high-resolution images.
- Utilized Caffe models and **OpenCV's DNN module** to colorize over 1,000 images
- Enhanced model hyperparameters such as epochs, regularization methods, tolerance, and training efficiency

Query Mate | Multi-PDF Chat AI Application (Lang chain, FAISS, Google Generative AI SDK)

- Designed a scalable chatbot application to enable real-time conversational AI with multiple PDFs
- Achieved **98% accuracy** in retrieving relevant content using **Google Gemini Pro and FAISS Vector Database**
- Optimized **NLP** with sliding window chunking, reducing response time by 5 seconds and improving efficiency for multi-hop queries across PDFs

POSITIONS OF RESPONSIBILITY

Entrepreneurship Cell, IIT Bombay | Campus Ambassador

GeeksforGeeks | Campus Ambassador

National Service Scheme | Member

