

Aryan Tiwari

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EDUCATION

University of Massachusetts Amherst, Isenberg School of Management
Master of Science in Business Analytics

Amherst, MA
Candidate, September 2025

Manipal University Jaipur (MUJ)
Bachelor of Technology (Computer Science & Engineering)
• Overall CGPA: 7.99/10.00

Jaipur, Rajasthan
July 2022

WORK EXPERIENCE

Cogneau Systems Private Limited
Associate Consultant (Automation Solutions)

Gurugram, Haryana
December 2023 – June 2024

- Engineered the infrastructure to automate the creation, delivery and response of critical alerts originating from corporate devices, microservices, servers and other cloud services, which increased feedback frequency and issue resolution efficiency.
- Automated the functions and enhanced the security of company resources at Trend Micro and AWS cloud platforms through Lambda functions and custom tools, resulting in significant cost and time savings.
- Set up and configured Confluence, a collaborative platform with centralized documentation that improved communication and knowledge sharing across teams and departments.
- Oversaw device and network security, managed disk encryption and Wi-Fi access for all employees. Additionally, conducted security training to enhance staff awareness and compliance.

Delectrik Systems Private Limited
Operations Analyst Intern

Gurugram, Haryana
May 2023 – September 2023

- Researched and documented the existing business operations and processes.
- Implemented automation tools to monitor and forecast business performance, improving efficiency and predictive model accuracy.

Vision Exports
Business Analyst Intern

Gurugram, Haryana
Jan 2023 – May 2023

- Supported strategic decision-making for international markets by analyzing export data to identify trends and providing insights.
- Worked with the logistics team to optimize supply chain processes, resulting in increased efficiency and lower costs.

Cogneau Systems Private Limited
Intern and Product Developer

Gurugram, Haryana
Jan 2022 – October 2022

- Designed and iteratively developed an NLP microservice for the company's chatbot, which enabled clients to efficiently access, organize, and analyze big data.
- Created the WhatsApp message receiver and sender microservices, improving client satisfaction by enabling chatbot interactions directly through WhatsApp.
- Developed the DataIO microservice, facilitating faster storage, access, and modification of frontend data which resulted in a 40% increase in data handling speed.
- Improved the functions and performance of Data Pre-processing microservice, enhancing data quality and usability.
- Managed AWS workspaces for new interns to ensure smooth onboarding experience and access to necessary resources.
- Assisted the data engineering team with server-side tasks, created automation scripts and helped with issue resolution.

Powergrid Corporation of India Limited
Software Developer Intern

Gurugram, Haryana
June 2021 – July 2021

- Developed a mobile app for EV charging system to allow operations like unlocking the connector and charging vehicles.
- Automated the Electric Vehicle charging process, making it more efficient and user-friendly.

PROJECT EXPERIENCE

Generative Chatbot using Seq2seq Model

January 2021 – June 2021

- Worked with my teammate to develop a general purpose chatbot which can be specialized to a client's or developer's needs depending on the specific field and use case.
- Developed a working model along with a set of additional modules to test common scenarios in various industries.
- Led the project with confidence through an articulated plan and organized team meetings for discussions.

Cats and Dogs image classifier model

Feb 2020 – March 2020

- Developed an image classification model using Convolutional Neural Networks (CNN) with Python and Keras to differentiate between cats and dogs.
- Achieved a test accuracy of over 90%.

CERTIFICATIONS

- Coursera – Managing Big Data with MySQL, The Power of Microeconomics, Linux Tools for Developers
- Microsoft Technology Associate (Introduction to Programming using Python)
- Verzeo – Artificial Intelligence

CAMPUS INVOLVEMENT

IEEE Student Branch MUJ, *Associate Member*

SKILLS

Language: Hindi (native), English (proficient), Japanese (beginner).

Technical: Proficient in Python, JavaScript (NodeJS) and Shell Script, experience in MongoDB, AWS, and Docker.