Manya Jain

manyajainrkm@gmail.com — github.com/ManyaJainrkm — Portfolio Website

Objective

Graduate Computer Science student at ASU with experience in data analytics, dashboarding, and AI research. Eager to contribute to ASU Career Services by leveraging analytical skills, project coordination, and data visualization tools to improve student outcomes and operational efficiency.

Education

Arizona State University, Tempe, USA (2025 Onwards)
Master of Science in Computer Science

Manipal University Jaipur, India (2021 – 2025)
Bachelor of Technology, CSE Core

Sanskriti School, New Delhi, India High School – 2021 — Secondary – 2019

Technical & Administrative Skills

Programming: Python (Pandas, Matplotlib), MATLAB
DevOps & Monitoring: Docker, Jenkins, Prometheus, Grafana
AI/ML: Gravitational Search Optimization, Chatbot Design
Analytics: Tableau, Power BI, Excel, SQL
Other: Project Coordination, Communication, Presentation, Team Leadership

Work Experience

DevOps Intern – National Institute of Urban Affairs (NIUA) Aug 2024 – May 2025
Delhi, Ministry of Housing and Urban Affairs

- Led deployment and monitoring for a government data platform, streamlining access to city-level services across India.
- Used Docker, K3s, XAMPP, and Jenkins to deploy and update services, reducing deployment time by 40%.
- Configured Prometheus and Grafana to monitor system health and generate real-time reports.
- Secured dashboards using OAuth2-proxy with SSO for controlled access.

Data Analytics Intern – Smart Cities Mission Dec 2023 – Feb 2024
Delhi, Govt. of India

- Developed interactive Tableau dashboards for national dropout analysis across 100+ Indian cities.
- Aggregated, cleaned, and visualized large-scale data from IUDX, Open Data Portal, and AMPLIFI.
- Assisted in data storytelling and insight generation for government planning.

Trainee Intern – Siemens Ltd. May 2023 – July 2023
Delhi

- Managed digital inspection templates in SafetyCulture, improving tracking and analysis efficiency by 30%.
- Supported planning and logistics reporting for project teams and healthcare device documentation.

Project Work

UPYOG Quickstart – Urban Digital Mission (NIUA)

- Simplified initial installation and configuration of the UPYOG platform.
- Tools: Docker, Kubernetes (K3s), Jenkins CI/CD, WildFly, PostgreSQL, Redis, Prometheus, Grafana, GitHub, OAuth2-Proxy

UPYOG Finance Module Deployment – NIUA

- Managed deployment and configuration of the finance module for seamless financial data processing.
- Tools: Eclipse EE, Maven, PostgreSQL, WildFly, Java, Mono UI

AAINA Portal – NIUA

- Contributed to portal development with user-friendly UI and backend analytics.
- Tools: Tableau, PHP, XAMPP, MySQL, Bootstrap, HTML, CSS

ICCC Smart Cities Project – NIUA

- Deployed Integrated City Command and Control (ICCC) portal for monitoring infrastructure and services.
- Tools: PHP, MySQL, XAMPP, HTML, CSS, JavaScript, Bootstrap, Git

Deployment Guides – NIUA

- Authored deployment guides and tutorials for UPYOG modules.
- Tools: MS Word, Markdown, GitHub, VS Code

Research Experience & Certifications

Research:

- Minor project: "Feature Selection using Gravitational Search Optimization on the Heart Disease Microarray Dataset."
- Co-author: "Analysis and Mathematical Models of AI and its Legal Boundaries."

Leadership & Volunteering:

- Co-Coordinator, IEEE ICCT Summit; Organizer, Techideate Tech Fest (MUJ).
- Executive Committee, Rotaract Club – Led blood donation and Covid mask distribution campaigns.
- Organizer, Industry Consultation (NIUA, Habitat Centre).

Certifications:

- Fundamentals of Visualization with Tableau – UC Davis
- Enterprise-Grade AI – IBM SkillsBuild
- Introduction to Software Engineering – IBM
- Data, Signal & Image Analysis with MATLAB – Vanderbilt University