

Manya Jain

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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

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| <ul style="list-style-type: none">Arizona State University Tempe
<i>Master of Science in Computer Science</i> | Tempe, USA
<i>(2025 – Ongoing)</i> |
| <ul style="list-style-type: none">Manipal University
<i>Bachelor of Technology, CSE Core</i> | Jaipur, India
<i>(2021 – 2025)</i> |
| <ul style="list-style-type: none">Sanskriti School, New Delhi
<i>High School Diploma – 2021 Secondary – 2019</i> | New Delhi, India |

WORK EXPERIENCE

National Institute of Urban Affairs

Ministry of Housing and Urban Affairs, Govt. of India

Delhi

DevOps Intern

(Aug 2024 - Present)

- Led deployment and monitoring for a government data platform, streamlining access to city-level services across India.
- Used Docker, K3s, 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 for cross-functional teams.
- Secured dashboards using OAuth2-proxy with SSO—ensuring controlled access for authorized users only.

Smart Cities Mission, Govt. of India

Delhi

Data Analytics Intern

(Dec 2023 – Feb 2024)

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

Siemens Ltd., DLF Cyber City

Delhi

Trainee/Intern

(May 2023 – July 2023)

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

TECHNICAL & ADMINISTRATIVE SKILLS

Technical Skills

- Analytics:** Tableau, Power BI, Excel, SQL
- Programming:** Python (Pandas, Matplotlib), MATLAB
- DevOps & Monitoring:** Docker, Jenkins, Prometheus, Grafana
- AI/ML:** Gravitational Search Optimization, Chatbot Design
- Tools:** GitHub, JIRA

Professional Skills

- Project Coordination, Communication, Presentation, Team Leadership

RESEARCH WORK AND CERTIFICATIONS

Projects:

- Built a chatbot during a hands-on IoT workshop; integrated natural language processing for student Q&A use-case.
- Created a Tableau dashboard for education dropout trends; tailored insights for university student retention use.

Research:

- Minor project on “Feature Selection using Gravitational Search Optimization on the Heart Disease Microarray Dataset”
- Co-author on research paper to be published – “Analysis and Mathematical Models of AI and its Legal Boundaries”

Leadership & Volunteering

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

Relevant 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