

Manya Jain

<https://github.com/ManyaJainrkm>mjain124@asu.edu[Portfolio](#)

EDUCATION

- Arizona State University Tempe**
Master of Science in Computer Science
Tempe, USA
(Fall 2025 onwards)
- Manipal University**
Bachelor of Technology, CSE Core
Jaipur, India
(2021 – 2025)
- Sanskriti School, New Delhi**
High School Diploma – 2021 | Secondary – 2019
New Delhi, India

TECHNICAL & ADMINISTRATIVE SKILLS

Python (Pandas, Matplotlib), MATLAB, Docker, Jenkins, Prometheus, Grafana, Gravitational Search Optimization, Chatbot Design, Tableau, Power BI, SQL, Excel, Project Coordination, Communication, Presentation, Team Leadership

WORK EXPERIENCE

National Institute of Urban Affairs

Ministry of Housing and Urban Affairs, Govt. of India

Delhi

DevOps Intern

(Aug 2024 - May 2025)

- Automated deployments with Docker, K3s, and Jenkins, showcasing scalable methods for cloud-native research.
- Built Prometheus–Grafana monitoring for reproducible system performance evaluation in distributed platforms.
- Secured dashboards with OAuth2-proxy + SSO, applying research principles in access control and governance.

Smart Cities Mission, Govt. of India

Delhi

Data Analytics Intern

(Dec 2023 – Feb 2024)

- Built Tableau dashboards analyzing dropout trends across 100+ cities.
- Processed and visualized large-scale data from IUDX, Open Data Portal, and AMPLIFI.
- Supported data storytelling to inform government planning.

Siemens Ltd., DLF Cyber City

Delhi

Project Trainee – Digital Inspections

(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.

PROJECT WORK

The detailed work of my projects is available at the following URL: [Projects](#)

UPYOG Quickstart

Urban Digital Mission, National Institute of Urban Affairs

UPYOG Finance Module Deployment

Urban Digital Mission, National Institute of Urban Affairs

AAINA Portal Implementation and Deployment

Urban Digital Mission, Digital India, Government of India

ICCC Smart Cities Project Deployment

Smart Cities Mission, Government of India in affiliation with National Institute of Urban Affairs

Deployment Guides and Documentation

Urban Digital Mission, NIUA

RESEARCH EXPERIENCE & CERTIFICATIONS

Research: Feature Selection using Gravitational Search Optimization (minor project); Co-author, “Analysis and Mathematical Models of AI and its Legal Boundaries.”

Leadership & Volunteering: Co-Coordinator, IEEE ICCT Summit; Organizer, Techideate Tech Fest; Executive Committee, Rotaract Club (blood donation, Covid mask drive); Organizer, NIUA Industry Consultation.

Certifications: Tableau (UC Davis), Enterprise-Grade AI (IBM), Software Engineering (IBM), Data/Signal/Image Analysis with MATLAB (Vanderbilt).