

# Manya Jain

<https://github.com/ManyaJainrkm>[manyajainrkm@gmail.com](mailto:manyajainrkm@gmail.com)<https://manyajainrkm.github.io/Portfolio/>

## EDUCATION

- **Arizona State University Tempe**  
*Master of Science in Computer Science*  
**Tempe, USA**  
(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**

##### Summer 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.

## 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).