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

- **Arizona State University Tempe**   **Tempe, USA**

  Master of Science in Computer Science   *(2025 Onwards)*

- **Manipal University**   **Jaipur, India**

  Bachelor of Technology, CSE Core   *(2021 – 2025)*

- **Sanskriti School, New Delhi**   ***New Delhi, India***

  High School Diploma – 2021 | Secondary – 2019

TECHNICAL & ADMINISTRATIVE SKILLS

Technical 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

- 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)*

- 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 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.

PROJECT WORK

UPYOG Quickstart
Urban Digital Mission, NIUA

- Simplified initial installation and configuration of the UPYOG platform for rapid municipal adoption.

- Tools: Docker, Kubernetes (K3s), Jenkins CI/CD, WildFly, PostgreSQL, Redis, Prometheus, Grafana, GitHub, OAuth2-Proxy.

UPYOG Finance Module Deployment
Urban Digital Mission, NIUA

- Managed deployment and configuration of the finance module to enable seamless financial data processing and reporting.

- Tools: Eclipse EE, Maven, PostgreSQL, WildFly, Java 1.8/17, Mono UI.

AAINA Portal Implementation and Deployment
Urban Digital Mission, NIUA

- Contributed to portal development focused on user-friendly interfaces and backend analytics for urban data.

- Tools: Tableau, PHP, XAMPP, MySQL, Bootstrap, HTML, CSS.

ICCC Smart Cities Project Deployment
Ministry of Housing and Urban Affairs via NIUA

- Deployed the Integrated City Command and Control (ICCC) portal for monitoring urban infrastructure and services.

- Tools: PHP, MySQL, XAMPP, HTML, CSS, JavaScript, Bootstrap, Git.

Deployment Guides and Documentation
Urban Digital Mission, NIUA

- Authored detailed deployment guides and tutorials to assist developers and administrators in installing and maintaining UPYOG modules.

- Tools: Microsoft Word, Markdown, GitHub, Visual Studio Code, screen recording tools.

RESEARCH EXPERIENCE & CERTIFICATIONS

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