

Manya Jain

linkedin.com/in/manya-jainn
github.com/ManyaJainrkm

Email: mjain124@asu.edu
Mobile: +1 480-637-1065

SKILLS

Languages: Java, Python, C/C++, Go, Bash
Software Engineering: OOP, DSA, REST APIs, microservices, testing, debugging
Systems/Infra: Docker, Kubernetes (K3s/K3d), Jenkins CI/CD, Linux internals
Cloud/Monitoring: AWS, Prometheus, Grafana, Nginx, OAuth2-Proxy
Databases: PostgreSQL, MySQL, Redis, Neo4j
Web/UI: JavaScript, HTML/CSS, basic React
AI/ML: PyTorch, TensorFlow, embeddings, RAG pipelines

EXPERIENCE

- **National Institute of Urban Affairs (NIUA)** Delhi, India
Software & DevOps Intern Aug 2024 – May 2025
 - Built and deployed microservices using Docker and K3s; automated builds and rollouts with Jenkins CI/CD.
 - Debugged distributed failures including container crashes, DB timeouts, and networking issues.
 - Developed monitoring dashboards with Prometheus–Grafana for latency, throughput, and error visualization.
 - Implemented secure access workflows using OAuth2-Proxy and SSO integrations.
- **Smart Cities Mission** Delhi, India
Software & Data Engineering Intern Dec 2023 – Feb 2024
 - Engineered ETL pipelines; resolved schema drift, ingestion failures, and caching inconsistencies.
 - Built dashboards for 100+ administrators by optimizing SQL queries and data transformation logic.
- **Siemens Healthineers** Delhi, India
Software Intern — Digital Workflows May 2023 – Jul 2023
 - Investigated runtime failures, race conditions, and sync issues in SafetyCulture workflows.
 - Improved reporting accuracy by fixing data-handling logic and optimizing workflow execution.

PROJECTS

- **UPYOG Cloud Platform:** Containerized a multi-service architecture; automated deployments and resolved Redis, PostgreSQL, and WildFly integration issues.
- **ICCC City Dashboard Backend:** Debugged PHP–MySQL backend failures, optimized slow SQL, and fixed API-level request handling issues.
- **HireMate AI Assistant:** Built Python + Neo4j RAG system; optimized embedding search, batching, and retrieval latency.

EDUCATION

- **Arizona State University** Tempe, AZ
MS, Computer Science 2025 – Present
- **Manipal University Jaipur** Jaipur, India
BTech, Computer Science 2021 – 2025