

# Manika Goyal

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## Education

### Maharaja Agrasen Institute of Technology

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE(AIML)

GPA - 9.4/10

Delhi, India

2021-2025

## Experiences

### Osttra (S&P Global)

Gurugram

ASSOCIATE SOFTWARE ENGINEER

13 January - Present

- Cloud Asset Inventory:** Developed a system to store and manage cloud asset data across GCP and AWS using AWS Lambda, Jira, and Python. Built a Flask-based reporting web application to monitor and visualize asset inventory.
- Network Onboarding Portal:** Built a full-stack portal using Java Spring Boot, PostgreSQL, React, with email and Jira integration. Enabled Admin-driven user onboarding and connectivity request workflows with separate User/Admin interfaces.

### Adobe

Noida

TECHNICAL CONSULTANT (CXM)

June 2024 - August 2024

- Task Automation:** Automated onboarding processes by 70% to eliminate manual effort, significantly improving efficiency and reducing errors.
- Gen-AI Query Platform:** Designed a Gen-AI-powered query answering platform that retrieves information from Adobe verified resources.

## Projects

### SocialHub (HTML, CSS, SCSS, Node.js, Express.js, MongoDB, Javascript, Passport.js)

- User Authentication & Authorization: Implemented sign-up, sign-in, and secure user authentication functionalities.
- Post Interaction & Content Management: Developed features for creating, interacting with, and securely managing posts, likes, comments, and functionalities for adding/removing friends.
- Link: [SocialHub](#)

### Page Replacement Algorithms Simulator (Node.js, C++, Data Structures and Algorithms)

- Developed a web-based simulator for page replacement algorithms (FIFO, LRU, LFU, MRU, Optimal) using C++.
- Enabled user input for cache capacity and page strings, with step-by-step results and visualization of page hits and faults.
- Link: [PageReplacement](#)

### Music Site (HTML, CSS, Flex)

- It is a static and responsive site with Intuitive design
- Link: [MusicSite](#)

## Skills

### Technical Skills

C, C++, Python, Java, Data Structures and Algorithms, HTML, CSS, JavaScript, MongoDB, Node.js, Express.js, React, DBMS, MySQL, Operating Systems, OOPS, Computer Networks, Spring Boot, Postgres, Flask

### Soft Skills

Good communication, Coordination, Task prioritization, Leadership Skills, and Creative thinking.

## Co-Curricular Activities

### Accomplishments and Positions of Responsibility

- Solved 200+ Data Structure Problems on Leetcode.
- Achieved top position in university examinations twice in the Computer Science department, demonstrating strong academic performance.
- Actively participated in the Smart India Hackathon (SIH) 2023, showcasing innovative problem-solving skills and teamwork.
- Volunteered in the Internship Fair by inviting companies to campus, enhancing student networking opportunities.

## Certificates

### Courses

- Coding Ninjas ML and DA Certificate
- Coding Ninjas MERN-Stack Developer Certificate