

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)

ASSOCIATE SOFTWARE ENGINEER

Gurugram

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

TECHNICAL CONSULTANT (CXM)

Noida

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