

NAYSHA SINGH

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EXPERIENCE

• Oracle

Project Intern

May 2024 - July 2024

Bengaluru, India

- Developed a Super Elastic Automatic Lift and Shift Harness for Oracle Autonomous Database Cloud. Conducted analysis on the performance of batch upgrades, identifying optimal batch sizes that minimize resource contention and maximize throughput. Skills used: Python Multithreading, Oracle Multitenant Architecture, SQL.

EDUCATION

• Indian Institute of Information Technology Allahabad

Btech-Information Technology

July 2021 - June 2025

Prayagraj, Uttar Pradesh

- GPA: 8.57/10 (upto 6th semester)

• Delhi Public School Indirapuram

CBSE Class 12th = 98.4 (PCM GOLD MEDALLIST) % , Class 10th = 97.8%

April 2007 - April 2021

Ghaziabad, Uttar Pradesh

PROJECTS

• Get Your PlayGround

December 2024

Tools and technologies: HTML, CSS, JavaScript, Django, SQLite



- Developed a full-stack web application using Django framework, providing a seamless interface for users to book sports facilities and view available time slots in real-time.
- Utilized SQLite to manage user data, facility availability, booking details

WeChat: [Group Chatting Application]

June 2023

Tools and technologies: JavaScript, Node.js, HTML, CSS, Express.js, Socket.io, Moment.js, Sentiment



- Developed a real-time group chat application with sentiment-based color-coded messages and multi-language support using Google Translate API.
- Hosted link [WeChat application](#)

SERL website: [Website for the research laboratory of IIIT Allahabad]

March 2023

Tools and technologies: PHP, MySQL, HTML, CSS



- Co-authored the backend using PHP and MySQL, implemented user authentication and custom admin panels for easy management of website content and updates.

SKILLS

- **Programming Languages and Web Technologies:** C, C++, Python, Django, JavaScript, HTML, CSS, Node.js, Express.js, Socket.io
- **Database Systems, DevOps and Version Control:** SQL, SQLite, Oracle Multitenant Architecture, Git, GitHub
- **Course work:** Data Structures, Machine Learning Design and Analysis of Algorithms, Database Management System, Object-Oriented Methodologies, Operating System

POSITION OF RESPONSIBILITY

• Coordinator - GeneticX Dance Society , Volunteer - Sarasva Literary Society

December 2021 - July 2024

Indian Institute of Information Technology Allahabad



ACHIEVEMENTS

- Qualified for ICPC Algo Queen-2024 Finals.
- Ranked in top 178 girls in Flipkart Runway Season 3 with a participation of 16,990 girls all over India.
- Selected in top 8 teams in Shehacks'23 with the participation of over 40+ teams all over India.
- solved a total of 800+ problems on GFG, LeetCode (Max Rating - 1851), Interviewbit, Codeforces and Codechef.
- Ranked 276 in Newton's Coding Challenge October 2022.
- Secured 99.52 percentile (AIR 5200/940K+ candidates) in Jee Mains and AIR 7294/250K+ candidates in Jee Advanced Examination.