

SMRIDDHI GUPTA

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SKILLS

- **Languages:** C++, JavaScript, Java
- **Frameworks:** HTML and CSS,
- **Tools/Platforms:** MySQL, MongoDB
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability

INTERNSHIP

- Poonawalla Fincorp** August 2025-september 2025
- **Backend Developer Intern**
 - Contributed to the **Van Payment Project**, improving backend functionality and payment workflows.
 - Developed and optimized **CRUD APIs using Node.js**, increasing system performance.
 - Collaborated with cross-functional teams for seamless API integration and backend improvements.
 - **Tech Stack:** Node.js, Python

TRAINING

- Fundamentals of Data Structures and Algorithms March 2025 – April 2025

- Completed structured training covering core concepts including arrays, linked lists, stacks, queues, trees, graphs, and hashing.
- Developed problem-solving skills through implementation of algorithms such as searching, sorting, recursion, and dynamic programming.

Project: Class Marks Analyzer: Designed and developed a console-based application using Array, linked lists and binary search trees to manage student records, marks, search efficiently, and calculating statistics of marks

PROJECTS

- **AI Song Lyrics Generator**
 - Developed an **RNN/LSTM-based AI model** for genre-specific lyric generation.
 - Built preprocessing pipelines and implemented an interactive UI for real-time lyric creation.
 - **Tech:** Python, Deep Learning
- **Intelligent CPU Scheduling Simulator**
 - Built an interactive CPU scheduling simulator supporting FCFS, SJF (pre-emptive & non-pre-emptive), Round Robin, and Priority Scheduling.
 - Implemented Gantt chart visualization and metrics such as waiting and turnaround time.
 - **Tech:** C++, Matplotlib, Real-Time Simulation, GUI
- **Zaloon – Salon Appointment Booking Website**
 - Developed a salon appointment platform enabling users to browse services, view stylists, and book time slots online.
 - Added admin features for schedule & customer management with secure authentication and responsive UI.
 - **Tech:** HTML, CSS, JavaScript,

CERTIFICATES

- Machine Learning in Python by Mind Luster. March 2024
- Expert Python Machine Learning by Mind luster Feb 2024

Extra Circular Achievements

- Finalist of Ms. Super Asia 2025: January 2025
- Won Interschool Debate Competition

EDUCATION

- Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; Since August 2023
- Aditya Educational Institution** Samalkot, Andra Pradesh
Intermediate; Percentage: 79% April 2021 - March 2023
- Narayana School** Kolkata, India
Matriculation; Percentage: 85% April 2020 - March 2021