Ambuj Kumar Maurya

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SKILLS

- **Languages**: C++, Java, JavaScript, Kotlin
- **Frameworks & Libraries**: HTML, CSS, Tailwind CSS, React, Node.js, Express.js
- **Backend & APIs**: MySQL, MongoDB, REST APIs
- **Core CS Fundamentals**: DSA, OS, CN, OOPs
- **Tools & Platforms**: Git, GitHub, VS Code, Android Studio
- **Skills**: Problem-Solving, Teamwork & Collaboration, Adaptability, Quick Learner

PROJECTS

Library Management System | GitHub   July 2025

- Developed a Java Swing–based system to manage book records with add, delete, issue, and return operations.
- Implemented DSA concepts including linear search, binary search, and sorting for fast book lookup.
- Designed separate admin and student dashboards with a responsive table interface.
- Tech stack**:** Java, VS Code

MoviesNow - Online Ticket Booking Platform | GitHub   May 2025

- Developed a complete online movie ticket booking system with real-time seat selection, show scheduling, and automated booking status updates.
- Designed a clean, responsive, and user-friendly interface using Tailwind CSS, while managing backend workflows in PHP with MySQL for secure data handling.
- Implemented user authentication, booking validation, and a smooth end-to-end ticket workflow to ensure reliable and efficient user experience.
  Tech stack: HTML, CSS, JavaScript, Tailwind CSS, PHP, MySQL

Real-Time Process Monitoring System | GitHub   April 2025

- Developed a real-time system monitoring platform with live tracking of CPU usage, memory consumption, and active system processes.
- Built a clean and interactive frontend using HTML, CSS, and JavaScript, enabling users to view live system metrics through dynamic visual updates.
- Designed and optimized backend services in Python with REST APIs for efficient data streaming and reliable communication between system processes and UI.
  Tech stacks: HTML, CSS, JavaScript, Python, REST API, JSON

TRAINING

Cipher Schools (Software Company)   July 2025

- Completed training in DSA using Java, covering essential data structures, algorithms, and problem-solving techniques, and strengthened fundamentals through hands-on coding and implementation of key concepts.
- Developed a small library book tracker as part of the training, applying DSA concepts through operations like searching, sorting, and efficient data handling to reinforce problem-solving skills.
  Tech stack: Java, VS Code

CERTIFICATES

- Master Generative AI & Generative AI tools by Infosys | **Link**   Aug 2025
- Data Structure And Algorithms by Cipher Schools (Java) | **Link**   July 2025
- Java Programming by NeoColab | **Link**   May 2025
- Object Oriented Programming by NeoColab (C++) | **Link**   Dec 2024

ACHIEVEMENTS

- Solved 200+ coding problems across LeetCode & HackerRank, sharpening problem-solving skills.
- Secured a Top 100 position in the IIT Bhubaneswar Frontend Hackathon and received the Final Merit Certificate.
- Earned a 3-Star rating on HackerRank through consistent problem-solving across core algorithm challenges.

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering: 6.41 CGPA   August 2023 – Present

- **S.N Public School**   Lohandi, Mirzapur
  Intermediate; Percentage: 78%   April 2021 - March 2022

- **S.N. Public School**   Lohandi, Mirzapur
  Matriculation; Percentage: 85.4%   April 2019 - March 2020