Ambuj Kumar Maurya

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SKILLS

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

PROJECTS

Tima – AI Powered Academic Timetable Scheduler | GitHub   Dec 2025

- Developed a full-stack academic timetable scheduling system to automatically generate conflict-free timetables based on faculty availability, subjects, rooms, and sections.
- Designed a modern, responsive, and user-friendly interface using React and Tailwind CSS, while managing backend services with Node.js, Express.js, and MongoDB for secure data handling.
- Integrated role-based authentication using JWT, real-time timetable generation updates with Socket.io, and validation logic to prevent faculty, room, and time-slot conflicts
   Tech Stack: React.js, Node.js, Express.js, MongoDB, JavaScript, Tailwind CSS

Library Management System | GitHub   Jul 2025

- Created a Java-based system to manage book records with add, delete, issue, and return operations.
- Applied DSA concepts including linear search, binary search, and sorting for fast book lookup.
- Structured role-based workflows for admin and student users with organized data views for information access.
- **Tech Stack:** Java, VS Code

Real-Time Process Monitoring System | GitHub   Apr 2025

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

TRAINING

Cipher Schools (Software Company) | Link   Jul 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

- React Skill Certification by HackerRank | **Link**   Feb 2026
- Node Skill Certification by HackerRank | **Link**   Feb 2026
- Master Generative AI & Generative AI tools by Infosys | **Link**   Aug 2025
- Java Programming by NeoColab | **Link**   May 2025

ACHIEVEMENTS

- Secured a Top 100 position in the IIT Bhubaneswar Frontend Hackathon and received the Final Merit Certificate.
- Solved 100+ coding problems across LeetCode, HackerRank, and other competitive programming platforms, strengthening problem-solving skills.

EDUCATION

- **Lovely Professional University**   Punjab, India
  Bachelor of Technology - Computer Science and Engineering: 6.81   Aug 2023 – Present

- **S.N Public School**   Lohandi, Mirzapur
  Intermediate; Percentage: 78   Apr 2021 - Mar 2022

- **S.N. Public School**   Lohandi, Mirzapur
  Matriculation; Percentage: 85.4   Apr 2019 - Mar 2020