Akshat Mathur

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Education

D.Y. Patil College of Engineering, Akurdi, Pune, Maharashtra *Bachelor of Engineering* — 9.02 (Second Year)	*August 2023 – Present*

Technical Skills

Programming Languages: C++ (DSA), Java, Python
Web Technologies: HTML, CSS, JavaScript (Basic),SQL
Tools & Platforms: Git, VS Code
Problem Solving: Solved 50+ problems on LeetCode

Projects

Weather Forecast Website

Mini Project | Frontend Development

- Designed a **responsive weather forecasting website** with real-time updates
- Integrated **OpenWeatherMap API** to fetch live weather data
- Displayed temperature, humidity, wind speed, and forecast details dynamically
- Focused on clean UI and user-friendly design for better accessibility

Tech Stack: HTML, CSS, JavaScript, OpenWeatherMap API

BookWise – Library Management System

Mini Project |Web Application

- Developed a web-based library management system to automate book issue, return, and catalog management
- Implemented frontend using React.js for real-time book search and availability tracking
- Built restful backend APIs using Node.js and Express.js
- Designed MongoDB collections for users, books, transactions, and admin roles
- Implemented secure user authentication and automated fine calculation
- Improved operational efficiency by reducing manual record handling

Tech Stack: React.js, Node.js, Express.js, MongoDB, JavaScript

Certifications

C++ Data Structures & Algorithms + LeetCode (Udemy) | Sept 2025
- Completed an in-depth course on core data structures (arrays, linked lists, stacks, queues, trees, graphs) and algorithms (sorting, searching, recursion).
- Solved multiple LeetCode problems in C++ to strengthen problem-solving and coding efficiency.

Generative AI – Workshops & Certifications | Oct 2024
- Exploring Generative AI: ChatGPT for Study & Creativity, GeeksforGeeks (Offline Workshop, Pune)
- Gained practical understanding of Generative AI concepts, ChatGPT use cases, and AI-driven workflows for learning and productivity.

Software Engineering Job Simulation JPMorgan Chase & Co. – Forage | Sept 2025
- Completed hands-on software engineering tasks including project setup, Kafka integration, H2 database usage, and REST API development.
- Gained exposure to backend development practices and real-world enterprise workflows

Microsoft Excel (Coursera Project Network) | Feb 2025
- Hands-on experience with Excel basics including data entry, formatting, and essential spreadsheet operations for data handling.