

MIHika Raut

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Education

Vidyalankar Polytechnic

Diploma-Computer Engineering

June. 2023 – May 2026

Mumbai, Maharashtra

Relevant Coursework

- Data Structures
- Database Management
- OOPs
- Software Engineering
- Cloud Computing
- Operating Systems

Experience

Internship-Vidyalankar Polytechnic

Junior Web Developer Intern

June 2025 – August 2025

Mumbai, Maharashtra

- Completed a 12-week internship focused on **MERN stack** (MongoDB, Express.js, React.js, Node.js) and **Bootstrap** for building dynamic, responsive web applications.
- Worked on a live project titled "**The VP CIAAN Management System**", a web portal designed to streamline curriculum implementation and assessment processes.
- **Key Contributions:**
 - * Designed and enhanced the **CIAAN front page** and **timetable interface**.
 - * Implemented modules for **attendance** and **extra theory session management**.
 - * Created a **defaulters tracking module** to monitor student performance.
 - * Improved **course and chapter management** features for better usability.
 - * Resolved **timetable-related issues** and optimized overall system functionality.
- Demonstrated strong **problem-solving**, **technical proficiency**, and a **proactive learning attitude** throughout the internship.

Projects

Cryptoplace | React.js, CoinGecko API

July 2025

- Built a React.js web app that fetches real-time cryptocurrency data using the CoinGecko API.
- Implemented search, live market metrics, and interactive charts.
- Created a responsive UI with dynamic rendering for individual coin details.

Weather App | React.js, OpenWeatherMap API

June 2025

- Developed a weather application displaying real-time data fetched from OpenWeatherMap API.
- Used React Hooks (`useState`, `useEffect`, `useRef`) for state handling and API calls.
- Designed a responsive UI with gradient backgrounds and clear visualization for temperature, humidity, and wind speed.

Technical Skills

Languages: C, C++, Python, Java, JavaScript

Frontend: HTML, CSS, React.js

Databases: MongoDB, MySQL

Developer Tools: VS Code, Android Studio, Git, GitHub

DevOps / Containerization: Docker, Kubernetes

Certifications & Competitions

Data Structures in C — Great Learning

2024

Certification

- Completed coursework covering arrays, linked lists, stacks, queues, trees, and algorithmic fundamentals.

AWS Certified Cloud Practitioner (In Progress)

2025

Certification Training

Udemy

- Currently preparing for foundational AWS exam, focusing on cloud concepts, global infrastructure, and core AWS services.