

# Vaibhav Bhatt

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## SKILLS

- **Languages:** C++, Java, C, Python, HTML, CSS, JavaScript, PHP.
- **Frameworks:** React.js, Node.js, Express.js, Tailwind CSS, Bootstrap.
- **Tools/Platforms:** MySQL, MongoDB, Postman, VS Code, Git.
- **Soft Skills:** Communication, Problem-Solving, Team Collaboration, Time Management, Adaptability.

## PROJECTS

- **Smart Payroll & Employee Management System:** Sep' 25 - Nov' 25  
Developed a full-stack **MERN** application to manage employee records, attendance tracking, and automated salary computation for small firms. Designed a responsive admin dashboard with **React** and **Tailwind CSS** for seamless employee data handling and salary visualization. Implemented secure authentication using **JWT** and integrated **MongoDB** for structured storage of employees, attendance, and payroll data.  
**Tech:** MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Chart.js, JWT
- **Virtu Swift – Digital Asset Management Platform:** May' 25 - Jun' 25  
Developed a responsive web platform prototype for efficient digital asset organization and content deployment. Focused on building an intuitive **front-end** interface with **Tailwind CSS** and **JavaScript** for seamless media upload, preview, and management. Integrated interactive data visualizations using **Chart.js** and implemented basic **PHP–MySQL** connectivity for demo-level user access and data handling.  
**Tech:** HTML, CSS, JavaScript, Tailwind CSS, PHP, MySQL, Chart.js.
- **Crop-Yield-Prediction – Project for Modern Farming Solutions:** Jan' 25 - May' 25  
Developed a web-based crop yield prediction system using real-time weather data to assist farmers in making data-driven decisions. Implemented user authentication and data management with **PHP** and **MySQL**, and integrated the **OpenWeatherMap API** for live temperature, humidity, and rainfall data. Visualized weather-yield correlations with **Chart.js** and built a responsive interface using **Tailwind CSS** for seamless usability across devices.  
**Tech:** HTML, CSS, JavaScript, PHP, Tailwind CSS, MySQL, Chart.js, OpenWeatherMap API

## CERTIFICATES

- Basic of Data Structures & Algorithms – LPU (CENTRE FOR PROFESSIONAL ENCHANCEMENT) Jul' 25
- Cloud Computing – NPTEL (IIT Kharagpur, SWAYAM) Apr' 25
- Programming with C & CPP – INTERNSHALA Jan' 24

## ACHIEVEMENTS

- **Achieved a global rank of 2470 in Code Chef Starters 159 (Rated):** Nov' 24  
Attained a **rating of 1175**, reflecting solid performance in time-bound competitive coding challenges.
- **Technical Leadership | SIDCUL CONTRACTORS AND WELFARE ASSOCIATION:** Jul' 24  
Successfully organized a large-scale technical event for **500+ industry workers** managing full end-to-end coordination and execution.

## EDUCATION

- **Lovely Professional University** Phagwara, Punjab  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.28* Since Aug' 23
- **Jaycees Public School** Rudrapur, Uttarakhand  
*Intermediate; Percentage: 75%* Apr' 22 – Mar' 23
- **Jaycees Public School** Rudrapur, Uttarakhand  
*Matriculation; Percentage: 93%* Apr' 20 – Mar' 21