

Vaibhav Raj

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SKILLS

- **Languages:** C/C++, Python, JavaScript (ES6+), PHP
- **Frameworks & Libraries:** ReactJS, NodeJS, Express, HTML and CSS, Bootstrap, TailwindCSS
- **Tools/Platforms:** MySQL, MongoDB, Git, GitHub, Figma
- **Core CS Fundamentals:** DBMS, OS, CN, OOPs
- **Soft Skills:** Time Management, Leadership, Problem-Solving, Adaptability, Quick Learner

PROJECTS

Rural Classroom Connect | [GitHub](#)

Present

- Crafted a comprehensive full-stack education platform designed to bridge the gap between rural classrooms and quality educational resources.
- Implemented a modern, intuitive interface that allows teachers and students to interact, access learning materials, and participate in virtual classes.
- Delivered **real-time** attendance tracking, allowing teachers to monitor student participation dynamically.
- **Tech stack:** React.js, Node.js, Express.js, **WebRTC**, **Socket.io**, MongoDB, JWT, TailwindCSS

Portfolio Website | [GitHub](#) | [Live](#)

Dec' 25

- Built a personal portfolio site that increased recruiter engagement by presenting projects, achievements, and skills in a structured, modern interface.
- Refined performance and layout flow, reducing page **load time** and improving navigation smoothness.
- Applied responsive **UI** techniques, improving mobile accessibility across devices with a **95%** responsiveness score.
- **Tech stack:** HTML5, CSS3, JavaScript (ES6+), React.js, **EmailJS**, TailwindCSS, Responsive UI

The Meme Lab | [GitHub](#) | [Live](#)

Oct' 25

- Engineered an interactive meme web app where user can create, customize, and share memes with ease, user-friendly interface where users can select from a variety of meme templates, add their own text, and apply different styles to create humorous content.
- Utilized local **storage** to save user-created memes, enabling easy access and sharing without server dependency.
- Incorporated social sharing features, allowing users to share their memes directly to popular social media platforms.
- **Tech stack:** **API** Integration, HTML/CSS, **JavaScript**, TailwindCSS, Git, GitHub

TRAINING

[Logic Building, Programming and Data Structures](#) - LPU

Jun' 25 – Jul' 25

- Learnt core concepts of programming logic, control structures, functions, arrays, pointers, and data structures such as stacks, queues, and linked lists.
- Developed strong problem-solving skills by working on algorithmic challenges and structured programming exercises.
- Applied programming principles to write **optimized**, modular, and efficient code using languages like **C/C++**, focusing on clarity and performance.

CERTIFICATES

- Introduction To Internet of Things – NPTEL IIT Kharagpur | [Link](#)

Apr' 25

- Web Development – Rising Tech Pro | [Link](#)

Mar' 24

- Python-3 Bootcamp – Udemy | [Link](#)

Feb' 24

- Legacy Responsive Web Design V8 – freeCodeCamp | [Link](#)

Nov' 23

EXTRA-CURRICULAR ACTIVITIES

- [Web-ka-Hackathon](#) – Lovely Professional University

Mar' 24

- Built and refined a working prototype within 24 hours during a hackathon, showcasing high-pressure problem-solving, collaboration, and fast technical execution.

- [Volunteered](#) – SABAL (NGO)

Jul' 24

Assisted in educational and social-impact initiatives by supporting project activities, engaging with students, and contributing to community-focused outcomes.

EDUCATION

- **Lovely Professional University**

Phagwara, Punjab

Bachelor of Technology - Computer Science and Engineering; CGPA: 7.51

Since Aug 23

- **Sher Saha College**

Sasaram, Bihar

Intermediate; Percentage: 74%

Apr' 20 – Mar' 22

- **D.A.V. Public School**

Sasaram, Bihar

Matriculation; Percentage: 83%

Apr' 19 – Mar' 20