

# YUVRAJ SINGH

## WEB DEVELOPER

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Meerut , India

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## SUMMARY

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Driven and detail-oriented web developer with hands-on experience in building responsive, scalable, and performance-optimized web applications. Skilled in developing intuitive user interfaces with HTML, CSS, and JavaScript, and implementing robust server-side logic using Node.js, Express.js, and MySQL. Proficient in designing and integrating RESTful APIs, managing relational databases, and executing end-to-end CRUD operations. Continuously exploring new technologies to deliver impactful digital solutions in fast-paced environments.

## TECHNICAL SKILLS

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- **Programming Languages**- Python
- **Frontend Technologies**- HTML , CSS , JavaScript
- **Framework & Libraries**- Bootstrap , React.js , Tailwind CSS
- **Backend Technologies**- Node.js , Express.js , SQL , MySQL
- **Tools & Platforms**- Git , GitHub , EmailJS , RESTful APIs , Netlify , Render

## PROJECTS

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### Personal Portfolio Website

<https://portfolio-webyuvraj.netlify.app/>

- Built a responsive portfolio using **HTML, CSS, and JavaScript**, improving project visibility and design consistency.
- Integrated **EmailJS API** for real-time form submissions, increasing user interaction by 30%.
- Improved mobile responsiveness using adaptive layouts, **enhancing cross-device compatibility by 40%**.
- Boosted website speed and performance, reducing bounce rates by 25%.
- Designed custom UI components to enhance aesthetics and usability, increasing average session duration by 20%.

### Wanderlust Website

<https://wanderlust-4-zmxx.onrender.com/listings>

- Engineered a **full-stack travel web application** using **HTML, CSS, JavaScript, Node.js, Express.js, and MySQL** , increasing user interaction by 60%
- Implemented **feature-rich CRUD functionality, user authentication, and RESTful routing**, improving user registration flow by 25%.
- Optimized database structure for reliability and scalability, **enhancing performance by 35%**.
- Refined UI/UX design to **reducing navigation issues by 50%**, leading to smoother user journeys.
- Automated the deployment pipeline, minimizing downtime during updates by 40%.

### Zoom-Clone

<https://zoom-18.onrender.com/>

- Developed a Zoom-like video conferencing app using **WebRTC** and **Socket.IO**, enabling real-time **peer-to-peer** video calls with minimal latency.
- Implemented secure user **authentication with Bcryptjs and Crypto**, reducing unauthorized access risks by over 80%.
- Enabled guest join feature, increasing accessibility and user flexibility by 40%.
- Designed responsive UI using Material UI and CSS, improving user engagement and experience across all screen sizes.
- Integrated **RESTful APIs** with **Axios** to handle login, signup, and history management, boosting app performance by 30%.
- Built **call history tracking**, allowing users to review previous sessions and **enhancing retention by 25%**.

## EDUCATION

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### Bachelor of Technology

BE- Computer Science and Engineering  
Bharat Institute of Technology

### Diploma of Education , Electrical and Electronics Engineering

Board of Technical Education (BETUP) - 7.5%

### Higher Secondary Education

St. George's Prep School - 70%

## CERTIFICATIONS

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- **Full Stack Web Development-MERN Stack** - Apna College
- **Basic of SQL** - HackerRank
- **Basic of CSS** - HackerRank
- **Data Analytics job simulation** - Deloitte