

Yuvraj Singh

Full Stack Developer

+91-7398858039 | yuvipaji222002@gmail.com | linkedin.com/in/yuvraj-singh022 | github.com/Yuvraj6387 | Meerut, India

SUMMARY

Results-driven Full Stack Developer with expertise in building scalable, performance-optimized web applications using modern JavaScript frameworks and cloud technologies. Proven track record of improving application performance by 35% and reducing latency by 25%. Skilled in React.js, Node.js, Express.js, MySQL, and AWS with strong problem-solving abilities in data structures and algorithms.

TECHNICAL SKILLS

Languages: JavaScript, Java, SQL, HTML5, CSS3

Frontend: React.js, Bootstrap, Tailwind CSS, Material UI, React-Bootstrap

Backend & Databases: Node.js, Express.js, MySQL, MongoDB, RESTful APIs, Socket.IO, WebRTC

Cloud & DevOps: AWS (EC2, Amplify, S3), Docker, Git, GitHub, Netlify, Render

Security & Authentication: Bcryptjs, Crypto, JWT, OAuth

Tools & Libraries: Postman, Axios, EmailJS, Yargs

PROJECTS

GitHub-Clone | *React.js, Node.js, Express.js, MongoDB, AWS*

Live

- Engineered full-stack web application enabling repository creation, management, and version control with intuitive UI built using React.js and React-Bootstrap
- Architected and integrated RESTful APIs using Node.js and Express.js, leveraging MongoDB for efficient data storage and retrieval operations
- Deployed scalable infrastructure with frontend on AWS Amplify & S3 and backend on AWS EC2, ensuring 99.9% uptime and continuous availability
- Optimized database queries and API response times, achieving 35% performance improvement and 25% reduction in data load latency

Zoom-Clone Video Conferencing | *WebRTC, Socket.IO, Node.js, Material UI*

Live

- Developed peer-to-peer video conferencing platform using WebRTC and Socket.IO, enabling real-time communication with minimal latency
- Implemented secure authentication system with Bcryptjs and Crypto, reducing unauthorized access risks by 80%
- Built guest join functionality and call history tracking, increasing accessibility by 40% and user retention by 25%
- Designed responsive Material UI interface and integrated RESTful APIs with Axios, improving performance by 30% and enhancing cross-device user experience

Wanderlust Travel Platform | *Node.js, Express.js, MySQL, HTML/CSS*

Live

- Built full-stack travel platform with comprehensive CRUD operations and secure user authentication using Node.js and Express.js
- Optimized MySQL database architecture for scalability and reliability, enhancing application performance by 35%
- Refined UI/UX design reducing navigation friction by 50%, resulting in improved user engagement and conversion rates
- Automated CI/CD deployment pipeline, minimizing downtime during updates by 40%

EDUCATION

Bharat Institute of Technology

Meerut, India

Bachelor of Technology in Computer Science and Engineering

2023 – 2026

Board of Technical Education (BETUP)

Meerut, India

Diploma in Electrical Engineering – 75%

2020 – 2023

CERTIFICATIONS

Full Stack Web Development - Mern Stack - Apna College

Data Analytics Job Simulation - Deloitte

AI For All - Intel Technology India (Skill India Digital Hub)

SQL & CSS - HackerRank