YUVRAJ SINGH

FULL STACK DEVELOPER

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Meerut, India

SUMMARY

Results-focused **Full-Stack Web Developer** with hands-on experience building and deploying scalable, performance-optimized web applications. Proficient in developing intuitive user interfaces with **JavaScript, React.js, and HTML/CSS**, and implementing robust server-side logic using **Node.js, Express.js, and MySQL**. Proven ability to design and integrate **RESTful APIs**, manage relational databases, and execute end-to-end CRUD operations

TECHNICAL SKILLS

- **Languages & Scripting -** JavaScript, Python, Java (primary for DSA), SQL, HTML, CSS
- **Frontend** - React.js, Bootstrap, Tailwind CSS, Material UI
- **Backend & Database** - Node.js, Express.js, MySQL, MongoDB, RESTful APIs, Socket.IO, WebRTC
- **Security & Authentication** - Bcryptjs, JWT
- **Tools & Platforms**- Git , GitHub , EmailJS , Netlify , Render , AWS (EC2, Amplify), Docker

PROJECTS

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

https://lnkd.in/d2HEx7Bg

- Engineered a full-stack GitHub-like web application for repository creation and management using **HTML, CSS, JavaScript, and React-Bootstrap.**
- Built and integrated **RESTful APIs with Node.js, Express.js, and Yargs, utilizing MongoDB** for efficient data storage and retrieval.
- Deployed the frontend via **AWS Amplify & S3 and backend on AWS EC2**, ensuring scalability, reliability, and continuous availability.
- Optimized API response time and query execution, **enhancing application performance by 35%** and **reducing data load latency by 25%.**

Wanderlust Website | *Node.js, Exprees.js, MySQL, HTML/CSS*

https://wanderlust-4-zmxo.onrender.com/listings

- Engineered a full-stack travel web application using Node.js, Express.js, and MySQL to implement feature-rich CRUD functionality and user authentication.
- **Optimized** the database structure for reliability and scalability, **enhancing application 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 | *WebRTC, Socket.IO, Node.js, Material UI*

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

- Developed a Zoom-like video conferencing app using **WebRTC** and **Socket.IO**, enabling real-time **peer-to-pee**r 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

Bharat Institute of Technology   *2023-2026*

Bachelor of Technology in Computer Science and Engineering

Board of Technical Education (BETUP)   *2023*

Diploma in Electrical Engineering - 75%

CERTIFICATIONS

- **Full Stack Web Development-MERN Stack -** Apna College
- **Basic of SQL and CSS** - HackerRank
- **Data Analytics job simulation -** Deloitte
- **AI For All -** Intel Technology India Private Limited(Skill India Digital Hub)