Chandan Virendra Yadav

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

Professional Experience

Bitroot   **Jan 2024 – Present**
Full Stack Developer   *Thane, India*

- Conceptualized and launched EvalMe platform, resulting in 40% growth in company-candidate interactions and 25% improvement in freelancer evaluation efficiency.
- Engineered AI-driven chatbots for Discord and Slack, elevating user engagement in fitness and nutrition services by 30%.
- Implemented automated backend systems that cut manual reporting time by 60% and boosted data accuracy by 35%.
- Spearheaded performance optimization using Node.js, React, and MySQL, reducing page load times by 50% and increasing user retention by 20%.

Key Projects

Movix: Interactive Movie Database | *React, REST APIs, State Management*   **2023**

- Constructed a feature-rich movie application, driving a 35% surge in user engagement and achieving a 4.7/5 user satisfaction rating.
- Integrated multiple APIs to provide comprehensive film data, resulting in 95% content coverage and a 25% reduction in user bounce rate.
- Designed a responsive UI that increased mobile user retention by 40% and enhanced cross-platform accessibility.

Blockchain Land Registry | *Solidity, React, CSS*   **2023**

- Developed a blockchain-based solution that decreased land registration processing time by 70% and eliminated data tampering incidents.
- Implemented Solidity smart contracts, ensuring 100% data integrity and secure, transparent ownership transfers.
- Created an intuitive React-based frontend, driving a 45% increase in system adoption among government officials.

High-Performance Video Conferencing Platform | *Next.js, Tailwind CSS*   **2024**

- Built a scalable video conferencing solution supporting 100 concurrent users with 99.9% uptime, rivaling established platforms.
- Leveraged Next.js for server-side rendering, yielding 60% faster initial page loads and a 40% improvement in SEO rankings.
- Employed Tailwind CSS for responsive design, resulting in a 50% increase in mobile user satisfaction and broader accessibility.

Technical Expertise

Languages: Python, Java, JavaScript, HTML, CSS, SQL
Frameworks: React, Node.js, Express.js, Django, Next.js
DevOps & Databases: Docker, AWS, MongoDB, MySQL, Redis
Other Technologies: REST APIs, Solidity, Git, Linux

Education & Certifications

Bachelor of Engineering in Computer Science   **2020 – 2024**
A.P. Shah Institute of Technology   *CGPA: 9.06/10.0*

Relevant Coursework: Data Structures, Algorithms, Database Management, Web Development, Machine Learning

Software Engineering Virtual Experience - Blackbird & Forage (2023)

AWS Academy Graduate - Cloud Foundations (2023)

Google Cloud Computing Foundations (2022)

Cybersecurity Virtual Internship (2022)