YUGAL LOHANI

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SUMMARY

I'm a dynamic and detail-oriented **full-stack developer** with expertise in building captivating web experiences. In today's AI-driven landscape, I effectively leverage modern AI tools and automation to enhance development efficiency, streamline workflows, and deliver intelligent user experiences. My focus lies in integrating user-centric design with robust backend systems, ensuring both functionality and performance across platforms.

TECHNOLOGIES

- **Languages:** Java, HTML, CSS, JavaScript, Python
- **Technologies:** MongoDB, MySQL, Supabase, Firebase, REST APIs, React, Node.js, Version Control (Git)

RESEARCH & PUBLICATIONS

TokenUp: A Decentralized Platform for Enhancing Student Engagement in Education through Automated Incentives and AI-Verified Credentials
Published in the International Journal of Modern Science and Research Technology (IJMSRT), ISSN: 2584-2706, March 2025
Read the Paper

PROJECTS

TokenUp | GitHub
Tech Stack: AI, React, Node.js
- Developed a decentralized platform leveraging blockchain for token-based learning incentives and secure certificate verification using AI.
- Enhanced user motivation and engagement across student and professional communities.
- Fostered a merit-based reward system that boosted student and professional engagement by **40%**.

PaisaBachao | GitHub
Tech Stack: React 19, Supabase, Clerk, Ingest, AI/ML APIs
- An AI-powered web app that delivers real-time financial insights, budgeting tools, and smart recommendations.
- Delivered real-time financial dashboards and personalized recommendations using AI-driven analytics.
- Ensured secure data and user authentication, contributing to a **high user satisfaction rate**.

EDUCATION

K. R. Mangalam University   Gurugram, Haryana
Bachelor of Technology (B.Tech), Computer Science Engineering; CGPA: 7.79   Aug 2022 – July 2026

SKILLS

- **Core Skills:** Data Structures & Algorithms, Agile Development, DevOps (Vercel, Render)
- **Soft Skills**: Strong Communication, Problem-Solving, Teamwork, Time Management, Adaptability

ACHIEVEMENTS & ADDITIONAL INFO.

- **Best Paper Award (IESS 2025):** Presented a research paper on emerging blockchain solutions.
- **Hosted Edude-Fiesta:** University's annual cultural fest, managing event flow and promotions.
- **1st Prize Coding Competition:** Organized by the CSI Club at K.R. Mangalam University.
- **Co-leader TechOdyssey:** Led and organized a university-wide technology event.
- **Organiser Design-a-thon:** 24-hour university design sprint with 100+ participants.