Pradeep Chand

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Core Subjects

Database Management Systems (DBMS), Operating Systems (OS), Computer Networks, Data Structures
Algorithms, Web Development, Software Engineering.

Technical Skills

- Programming: JavaScript, C++, Java
- Frontend: React, Tailwind CSS
- Backend: Express, MongoDB, MySQL, Firebase, Appwrite, OpenAI
- Authentication: Role-based authentication, Clerk, OAuth, inbuilt authentication
- Cloud DevOps: AWS, Docker
- UI/UX Libraries: ShadCN, GSAP, Spline
- Real-time Communication: WebSocket, Socket.io

Projects

Aurleaf   github.com/relatablepradeep/Aurleaf

- AI-driven Ayurvedic wellness platform with multilingual chatbot support (via BHASHINI) for enhanced accessibility across regional languages.
- Offers personalized diet and exercise plans, disease-specific remedies, and symptom-based relief guidance.
- Integrated features: doctor directory, nearby hospital locator, direct doctor contact, wellness tips, and BMI calculator.
- **Stack:** React, Express, Tailwind CSS, MongoDB, OpenAI, Python, Selenium

Adalat —   github.com/relatablepradeep/Adalat

- AI-powered legal assistant that simplifies awareness of constitutional rights and laws in India.
- Multilingual support powered by **BHASHINI API**, helping break regional language barriers.
- Anonymous user forums and blogs for sharing real-world legal experiences and getting peer advice.
- Offers interactive quizzes, curated legal news, and a knowledge base of common rights and laws.
- Special focus areas: Women's rights, youth justice, farmer welfare, and marginalized communities.
- **Stack:** OpenAI, **BHASHINI API**, Azure, React, Express, Node.js, MongoDB

Achievements

- Participated in 8+ hackathons and won 3 of them independently.
- Secured **1st place at Himalayan Institute of Technology Hackathon** by solving a real-world problem using an optimized algorithm.
- Achieved **3rd place at Uttranchal University Hackathon** by developing *Aurleaf* – an AI-powered Ayurvedic platform offering personalized diet plans, doctor directories, and multilingual chatbot support.
- PPT selected for **Bhasha Bhandhu**, a Government of India initiative — integrated BHASHINI API for regional language translation and proposed using Azure services to promote legal literacy in underrepresented communities.
- PPT selected at **GRPIC Ethon 2.0** for a tech-enabled healthcare platform — aimed at addressing challenges in medical accessibility and technical inefficiencies in healthcare systems.