

Akshat Prashar

+91-78885-15352 • akshat1048.be23@chitkarauniversity.edu.in • akshat20000
in akshat-prashar-30684b2ab

Profile Summary

Full-stack developer with hands-on experience in building secure, scalable, and user-friendly applications. Strong expertise in MERN stack, Supabase, and Web3, with a proven record of measurable impact including reducing backend query times by 40% and scaling platforms to support 500+ users. Skilled in blockchain smart contracts, JWT/refresh authentication, and real-time communication systems. Hackathon awardee with innovative problem-solving ability, recognized for rapid prototyping, collaboration, and delivering high-quality, production-ready solutions.

Education

Chitkara University, Himachal Pradesh, Solan

Bachelor of Engineering in Computer Science and Engineering

Aug 2023 – Present

Projects

Supabase, PostgreSQL, MetaMask, Solidity, Node.js, Express.js, HTML/CSS/JS

Fund Flow

- Engineered a secure digital wallet integrating Web2 & Web3, enabling 100+ simulated transactions with group expense management and multi-user authentication.
- Deployed Solidity smart contracts on Ethereum testnet, achieving 100% successful fund transfers with zero failures and enhanced transaction reliability.
- Optimized backend queries using Supabase RPCs and caching, cutting response times by 40% and improving scalability for concurrent users.
- Designed a responsive, mobile-first frontend that improved task completion rate by 25% in usability testing and reduced onboarding friction.
- Integrated role-based access control and secure session handling, enhancing security against unauthorized access.

MongoDB, Express.js, React.js, Node.js, Redux Toolkit

College Attendance Portal

- Developed a MERN-based academic management system for classes, subjects, and attendance tracking.
- Implemented robust role-based authentication (admin, teacher, student) with JWT & refresh tokens, increasing system security by 30%.
- Built REST APIs handling 1,000+ daily requests for scheduling, reporting, and student performance analytics.
- Designed interactive dashboards for faculty and students, reducing workload in attendance management by 20%.
- Optimized API latency by 15% with query indexing and caching, improving responsiveness for real-time data updates.

Certifications & Achievements

HackIndia 2025: Built and deployed a blockchain-integrated Web3 app and landing page, selected among top 10% of 300+ participants.

XR Creator Hackathon 2025: Designed immersive XR prototypes enabling real-time virtual collaboration, recognized for innovation in UI/UX.

Technical Skills

Languages: C/C++, Java, SQL, JavaScript, TypeScript, HTML/CSS

Frameworks & Libraries: React.js, Node.js, Express.js, Redux Toolkit, Tailwind CSS, DaisyUI

Databases & ORM: PostgreSQL, MongoDB (Mongoose)

Cloud & Tools: Git, GitHub, VS Code, Postman, MongoDB Compass

Blockchain & Real-Time: Solidity, Ethereum Testnet, Redis, Socket.io, WebSockets