

SHASHANK DEV

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github.com/Shansh0324 Portfolio

PROFESSIONAL SUMMARY

Computer Science undergraduate and full-stack mobile developer with hands-on experience in **React Native, Next.js, NestJS, PostgreSQL, and TypeScript**. Proven ability to build scalable, production-grade cross-platform applications integrating **REST APIs**, AI-powered features using **Groq and Gemini APIs**, and responsive UI/UX. Strong foundation in software engineering, system design, Agile collaboration, and performance optimization across mobile and web platforms.

EDUCATION

Jaypee University of Engineering and Technology <i>Bachelor of Technology in Computer Science Engineering</i>	July 2023 – Present CGPA: 8.81 / 10.0
Techno Mission International School <i>Higher Secondary Certificate – CBSE</i>	2022 87%

WORK EXPERIENCE

Software Development Intern <i>Inventlix Pvt. Ltd.</i>	November 2025 – Present <i>Remote</i>
- Engineered cross-platform mobile features using React Native, Expo, and TypeScript, improving feature delivery speed by 30% - Integrated 10+ RESTful APIs and reduced app crashes by 25% via systematic debugging and code refactoring - Architected reusable component library with scalable state management using Redux Toolkit and Zustand - Collaborated with backend and product teams in an Agile environment with bi-weekly sprint cycles and regular code reviews	

PROJECTS

FreeBie – AI-Powered Fashion Discovery & Virtual Try-On <i>React Native, Expo, NestJS, PostgreSQL, Mistral API, Gemini API, Generative AI</i>	Jan 2026 – Present
- Engineered a full-stack AI fashion platform with independent microservices for body measurement estimation, skin tone analysis, avatar generation, and outfit recommendation - Integrated Mistral and Gemini APIs across microservices; built a unified chat interface that aggregates responses and delivers personalized fashion guidance to users - Designed scalable RESTful backend APIs with NestJS, JWT authentication, and PostgreSQL supporting high-concurrency workloads	
AgroPulse – Blockchain Agricultural Marketplace <i>React Native, Node.js, Solidity, Smart Contracts, MongoDB</i>	Aug 2025 – Dec 2025
- Built a decentralized marketplace connecting farmers and buyers using React Native, Node.js, and Solidity smart contracts - Implemented escrow-based payment workflows for trustless transactions; engineered full product listing and auth management system - Integrated MongoDB for off-chain data storage with optimized queries for high-frequency marketplace operations	

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C++, Solidity
Frontend / Mobile: React, Next.js, React Native, Expo, TailwindCSS, GSAP, Three.js, Responsive UI/UX
Backend: Node.js, Express.js, NestJS, REST APIs, JWT Authentication, WebSockets
Databases: PostgreSQL, MongoDB, MySQL, Redis, Firebase
AI & LLM: Mistral API, Gemini API, Generative AI, LLM Integration, Microservices, Prompt Engineering
State Management & Libraries: TanStack Query, Redux Toolkit, Zustand, Prisma ORM
Tools & Platforms: Git, GitHub, Postman, Docker, Vercel, Netlify
Software Engineering: System Design, Scalable Architecture, API Design, Code Review, Performance Optimization

ACHIEVEMENTS & CERTIFICATIONS

Hackathons: Winner – Vibe Coding Hackathon; participated in 4+ national-level hackathons
Leadership: Frontend Head – CODE CONQUERORS Coding Club, Jaypee University
Competitive Programming: CodeChef Rating 1329; solved 250+ DSA problems across platforms
Certifications: Goldman Sachs Forage, Infosys Springboard, TCS iON, GeeksForGeeks DSA, Sheriyans Advanced Web Dev