

Badal Kumar

Full-Stack Developer

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Professional Summary

Passionate and results-driven full-stack developer with 1+ years of experience in designing and implementing scalable web and mobile applications. Proficient in modern frameworks like Next.js, Node.js, Prisma, PostgreSQL, Zustand, and JWT-based authentication. Adept at leading teams, building SaaS platforms, and delivering innovative tech solutions with a focus on performance and user experience.

Core Skills

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, React.js, Next.js, Express.js, Flutter
- **Backend & DB:** Prisma ORM, PostgreSQL, MongoDB, Redis, JWT, REST APIs
- **DevOps & Tools:** Docker, Git, GitHub Actions, Vercel, Netlify
- **Architecture:** Microservices, MVC, Monorepos, WebSockets, WebRTC
- **Other:** Zustand, Supabase, Firebase, Stripe/Razorpay, BullMQ, AI/ML APIs

Professional Experience

◆ Full-Stack Developer – Prachar Prashar

📍 Purnia | 📅 Nov 2024 – Present

- Led development of scalable SaaS platforms with JWT-based authentication and OTP systems.
- Integrated advanced features such as role-based access control, ElasticSearch, and WebSocket communication.
- Optimized PostgreSQL queries, improving response times by 40%.
- Developed influencer marketing and mentorship platforms using custom Node.js APIs and Flutter apps.

Projects

🛒 Scalable eCommerce & Finance SaaS

Built a microservices-based backend using Node.js, PostgreSQL, Prisma, and JWT Auth. Features include RBAC, fraud detection, smart logistics, NFT subscriptions, and AI-powered personalization.

🗣️ Mentorship Platform

Real-time chat and video calling with WebSocket + WebRTC integration, role-based access for mentors, mentees, and admins. Built using Flutter (frontend) and custom Node.js backend.

💰 Influencer Marketing Platform

Wallet-based influencer-brand system in INR without third-party SDKs. MVC architecture with Supabase auth and PostgreSQL.

Education

Vidya Vihar Institute of Technology

Bachelors of Computer Application Jun 2022 - Jun 2025

ADDITIONAL INFORMATION

Coordinated with a team of 50 in Team Oorja, organizing technical events and educational talks for 100+ attendees, fostering collaboration and community engagement. Managed a departmental budget of ₹5,00,000 achieving a 20% cost saving through effective resource allocation. Participated in a mentorship program, guiding first-year students in navigating college life and academics.