

# ISHAAN BANSAL

(Full Stack Software Developer)

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## PROFILE

Passionate Full-stack developer with expertise in designing and developing scalable, high-performance web and mobile applications. Focused on transforming complex business challenges into elegant, user-centric solutions through modern technologies and robust software architecture.

## EDUCATION

2020-2024	B.Tech (ECE)	Deenbandhu Chhotu Ram University of Sci. & Tech.	7.25 CGPA
2020	AISSCE, Class XII	Navyug Convent Sr. Sec. School, New Delhi	
2018	AISSE, Class X	Apeejay School Panchsheel Park, New Delhi	

## PROFESSIONAL EXPERIENCE

- **FREELANCING (Web Designing / Software Development)** [Jan'26 – May'26]
- **STUDIO MYVAAN (Project Management)** [Nov'24 – Dec'25]
  - Supervised daily site operations, workforce coordination, and material management to ensure timely project execution and quality compliance.
  - Monitored site safety, progress, and vendor activities while maintaining smooth communication between management, contractors, and workers.
- **NHPC LIMITED (Full Stack Mobile App Developer)** [Jan'24 - May'24]
  - Built employee app using Flutter, Node.js, and MySQL with required features.
  - Integrated APIs for notifications, directory access, and real-time data retrieval.
- **CETPA INFOTECH (Full Stack Web Developer)** [Oct'22 - Mar'23]
  - Learned core web development by building mini projects using HTML, CSS, JavaScript etc.
  - Explored backend basics with Node.js to understand full-stack workflows.

## PROJECTS

- **SnapUrl - URL Shortener & Analytics** 🔗
  - Developed a secure URL shortener implementing NextAuth user-isolated workspaces, relational hash-to-source URL mapping, and a low-latency asynchronous analytics tracker for click-through and metadata metrics.
  - Tech Stack: TypeScript, Next.js, NextAuth, PostgreSQL, Shadcn UI, Tailwind CSS, Prisma ORM, Neon DB, Redis, tRPC
- **FairShare - Expense & Debt Optimization Engine** 🔗
  - Engineered a multi-method bill splitter featuring dynamic itemized/percentage distribution logic, multi-party group ledgers, and a greedy debt-simplification algorithm that minimizes group transaction volumes.
  - Tech Stack: Next.js, TypeScript, NextAuth, PostgreSQL, Prisma ORM, tRPC, Shadcn UI, Tailwind CSS, Neon DB
- **Clima - Proactive Weather Dashboard** 🔗
  - Built a weather client featuring Geolocation API handshake automation for instant local fetching, dynamic nested JSON payload parsing, and conditional client-side caching to reduce third-party API overhead.
  - Tech Stack: Next.js, TypeScript, React Hooks, Weather API, Tailwind CSS, Radix UI
- **NexTodo - High-Performance Task Manager** 🔗
  - Designed a lightweight task organizer with robust client-side LocalStorage state persistence, low-footprint component lifecycles for instant CRUD updates, and fully responsive layouts.
  - Tech Stack: React, BetterAuth, Tailwind CSS, Shadcn UI, Turborepo, Convex

## TECHNICAL SKILLS

**Frontend** – Next.js | React | TypeScript | JavaScript | Figma | Framer | Canva | Tailwind CSS

**Backend** – Node.js | tRPC | Prisma | REST API

**Database** – PostgreSQL | MySQL

**DevOps** – Docker | TurboRepo | Monorepos

## SOFT SKILLS

Adaptability | Problem Solving | Communication | Time Management | Leadership | Team Work