

Arjit Gupta

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PROJECTS

Broot-Chess

[Live Demo](#) ↗

- Real-time **multiplayer chess platform** with **guest/authenticated logins**, **move validation** (`chess.js`), **timers**, **rematch requests**, **notifications**, and **persistent history**.
- Engaging features: **undo moves**, **live chat**, **customizable board & themes**, **responsive UI** built with **Tailwind CSS**, **framer-motion**, and **React Context**.
- Backend: **Node.js**, **Express**, **WebSockets** for low-latency gameplay; deployed on **Render**. *Next: AI opponent integration.*

Broot-Todo

[Live Demo](#) ↗

- Full-featured **productivity platform** with **Next.js**, **Zustand state management**, and **NextAuth.js authentication** supporting **Project → Section → Todo → Task hierarchy**.
- **AI Project Generator**: converts natural language input into automated **phased tasks**, estimated completion days, and **color-coded priorities** (Red, Yellow, Green, Blue).
- Dynamic component-based views: **Search**, **Today**, and **AI generator**; **responsive UI** with tutorial video and subtle animations.
- Planned enhancements: **multi-user collaboration**, **drag-and-drop tasks**, **notifications**, AI assistant improvements, and external calendar integration.

Broot-Portfolio

[Live Demo](#) ↗

- Personal **developer portfolio** built with **Next.js**, showcasing projects, skills, and interactive UI elements.
- Designed custom graphics with **Photoshop** and implemented smooth, responsive animations using **GSAP** and **framer-motion**.
- Optimized for performance and SEO, with **responsive design** across devices, clean navigation, and subtle hover effects for better user engagement.

TECHNICAL SKILLS

Languages: Java, SQL (PostgreSQL), JavaScript, TypeScript, HTML/CSS

Frontend: React.js, Next.js, Vite, Tailwind CSS, GSAP, Framer Motion, Material UI, Shadcn, Zod

Backend: Node.js, Express.js, Prisma, Mongoose, Supabase, Docker, AWS (S3)

Tools: Redux Toolkit, React Query, Zustand, GitHub, VS Code

EXPERIENCE

Industrial Training, Bharti Airtel Ltd.

June 2023 – July 2023

Worked in IT sector; gained exposure to real-world telecom infrastructure, networking, and enterprise IT workflows.

EDUCATION

Institute of Engineering and Rural Technology(IERT)

2021-2025

Bachelor of Technology (B.Tech) in Electronics and Communication

Prayagraj, India