Deepak Dumka

✉ ddumka102@gmail.com   📞 8077870403   ⌗ Deepakdumka1   in Deepak Dumka

EDUCATION

Don Bosco School, CBSE	Haldwani, India
Intermediate	April 2022 – March 2023
Graphic Era Hill University	Dehradun, India
B.Tech in Computer Science	August 2023 – June 2027

EXPERIENCE

Web Developer & E-commerce Specialist   May 2024 – Present (Part-time)
Rettrose & Client Projects   *Remote — India, UK, Dubai*

- Delivered **7+ production-ready websites** across e-commerce, brand, and service domains for international clients.
- Built and deployed **Shopify e-commerce platforms** with integrated payments, inventory, and order workflows.
- Migrated websites from **WordPress to Shopify** with **100% data accuracy**.
- Owned end-to-end development and deployment, collaborating directly with global clients.

PROJECTS

LockTix – Smart Ticket Concurrency System | *High-Concurrency Ticket Booking Platform* [Feb] 2024 – [Aug] 2024

- Designed and developed **LockTix**, a secure and scalable ticket booking system engineered to handle **high-concurrency scenarios** such as flash sales and last-seat booking events.
- Implemented a robust **concurrency control mechanism** using **Redis** and database transactions to prevent race conditions and eliminate double bookings under heavy traffic.
- Developed **Redis TTL-based seat locking**, enabling temporary seat reservations that automatically expire if users fail to complete checkout, improving fairness and system availability.
- Focused on **system reliability, scalability, and data integrity**, simulating real-world high-traffic booking conditions for shows and events.

Decentralized Peer-to-Peer Platform | *github.com/Peer_2_Peer*   [Aug] 2024 – [Jun] 2025

- Collaboratively developed a **decentralized peer-to-peer (P2P) communication and file-sharing platform**, enabling direct data exchange without reliance on centralized servers.
- Implemented core networking logic using **Node.js and WebSockets** to support peer discovery, real-time messaging, and low-latency file transfers.
- Focused on **distributed system architecture and security considerations**, ensuring data integrity, privacy, and uninterrupted communication between connected peers.

ACHIEVEMENTS & ACTIVITIES

- Top 20 finish in **2 National-Level Hackathons**; participant in an Inter-College and multiple online hackathons.
- Co-organized **2 hackathons** and served as a core member of a university technical club.
- Delivered freelance **web development and e-commerce solutions** for domestic and international clients.
- **Certifications:** AWS Cloud Practitioner, Infosys Design Thinking, Full Stack Development, Android Development, DSA (PW).

TECHNICAL SKILLS

Languages: C/C++, HTML, Swift, JavaScript, TypeScript
Libraries & Frameworks: React.js, Socket.io, WebRTC, Redis
Tools: Figma, Git, Linux, Postman, Shopify, Wordpress
Database & Hosting: SQL, MongoDB, Supabase, Hostinger , Godaddy