KAMPIT OJHA

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EXPERIENCE

Full Stack Developer Intern - Genesis Web Solutions (Feb 2025 - Jul 2025)　　　　Delhi, India

- Developed & delivered frontend for 4 projects from scratch with React.js and TailwindCSS ensuring high quality.
- Boosted page load efficiency by applying lazy loading and other performance optimization techniques.
- Improved development efficiency by 40 percent utilizing component libraries like ShadCN and Material UI.

PROJECTS & OPEN SOURCE

Open Source Contributions –

- Contributed to Github setting up multi-step account creation flow by creating placeholder pages (Details, Terms, Charges, Preview) integrated with a Seed Card Stepper for seamless navigation and consistent UI layout.
- Developed a Seed Card Github Stepper with inline form validation for a multi-step Recurring Deposit Account flow, ensuring stepwise data persistence, dynamic progress tracking, and error handling per design specs.

SyncMeet – A serverless P2P video collaboration tool (Live)

Tech stack – React JS, TypeScript, WebRTC, Trystero (P2P Signaling), Vite, TailwindCSS

- Built a serverless 1:1 video collaboration platform using WebRTC and BitTorrent-based signaling, enabling fully client-side communication with secure, zero-latency P2P connections.
- Developed real-time collaboration tools including an interactive whiteboard, shared notes editor, and integrated rich chat to support productive remote sessions.

live-attendance-backend (Github)

Tech stack – Node.js, Express.js, MongoDB, WebSocket, JWT, Bcrypt, Zod

- Built a real-time attendance backend using WebSocket (live data sharing) with Node.js and Express.
- Implemented secure authentication and role-based access using JWT, bcrypt, MongoDB, and Zod validation.

TECHNICAL SKILLS

Languages	C / C++, JavaScript, TypeScript, Java, Go, Python
Frontend	HTML, CSS, TailwindCSS, React.js, Next.js, Shadcn
Backend	ExpressJS, NodeJS, BunJS, Firebase, REST APIs
Tools	Git, GitHub, VS Code, Docker, Postman
App development	React Native, Kotlin, Jetpack Compose, Koin, Retrofit, Ktor
Cloud/Databases	MySQL,PostgreSQL, MongoDB, SQLite

COURSEWORK

OPERATING SYSTEM • DATA STRUCTURES • ALGORITHMS • OBJECT ORIENTED PROGRAMMING

EDUCATION

Bachelor in Computer Applications, Indira Gandhi National Open University　　　　July 2025

TECH CONTRIBUTIONS

- Publish technical blogs on System Design, AI, and Low-Latency Engineering with 500+ total reads on Hashnode.
- Actively share insights and breakdowns of complex engineering topics, helping beginners understand backend architecture and real-time systems.