

# KAMPIT OJHA

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## EXPERIENCE

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**Full Stack Developer Intern - Genesis Web Solutions** (Jan 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

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**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.

**Mini Search Engine** ([Github](#)) –

**Tech stack** – Go, Gin, BadgerDB, HTML/CSS, Goroutines, Inverted Indexing

- Built a lightweight search engine in Go with a concurrent web crawler, tokenizer, and inverted index.
- Structured the system into modular crawler, indexer, and query engine components.

## TECHNICAL SKILLS

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**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

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OPERATING SYSTEM • DATA STRUCTURES • ALGORITHMS • OBJECT ORIENTED PROGRAMMING

## EDUCATION

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**Bachelor in Computer Applications**, Indira Gandhi National Open University

July 2025

## TECH CONTRIBUTIONS

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- 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.