

KARTIK TYAGI

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SUMMARY

Enthusiastic developer skilled in building responsive web apps with a modern web stack. Strong collaborator, open to new opportunities, and eager to contribute quality solutions.

SKILLS

Programming Languages	JavaScript, TypeScript, C++
Frameworks & Libraries	React.js, Node.js, Express.js, Hono, Tailwind CSS, Next.js
Databases & ORMs	MongoDB, Mongoose, PostgreSQL, Prisma
Developer Tools	Git, GitHub, Cloudflare Workers, Postman, Chrome Dev Tools

PROJECTS

Podium – A Modern Publishing Platform [demo](#)

Developed a full-stack content publishing platform enabling users to write, publish, and explore articles and stories. Architected backend using Cloudflare Workers, Hono, and Prisma ORM, integrated with PostgreSQL. Designed a clean user interface using React and Tailwind CSS, ensuring responsive and distraction-free user experience. Implemented JWT-based authentication with role-based access control for secure content creation and management. Performed iterative API testing with Postman and maintained codebase with Git and GitHub for version control.

CSV2JSON – A Versatile Data Format Converter [demo](#)

A React-based, client-side app allowing users to seamlessly convert between CSV, JSON, and SQL formats in three intuitive modes: CSV → JSON, SQL → JSON, and JSON → CSV. Upload or paste your data to instantly transform it, then download or copy the result with a single click. Built entirely in React with fast data conversion without backend. Designed with a clean mobile-responsive interface for effortless and accurate data manipulation.

Thinky – An AI Companion [demo](#)

An AI companion app with different modes to assist users from development to day-to-day chit-chat. Developed a sleek, responsive React + Tailwind CSS frontend for a smooth, mobile-friendly experience. Implemented a serverless backend using Cloudflare Workers and Hono, enabling ultra-fast, scalable API performance. Utilized PostgreSQL with Prisma ORM for structured, type-safe data handling and efficient queries. Extensively tested APIs with Postman to ensure reliability, correctness, and edge-case coverage.

LoopKart – Streamlined Grocery Shopping Web App

Built a full-stack platform to streamline product browsing, cart management, and checkout workflows. Developed RESTful APIs using Node.js and Express for user authentication, product listings, and cart operations, with JWT-based route protection. Utilized MongoDB for efficient data queries. Built interactive and responsive React.js UI with modern design.

EDUCATION

Master of Computer Application , JSS Academy of Technical Education	2023 - 2025
Bachelor of Science (CS) , CCS University	2019 - 2022