

Ujjwal Singh

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• Ujjwal-198 • Portfolio

Summary

Full-Stack Developer focused on building scalable production-ready systems using MERN and Next.js. Strong in API architecture, authentication workflows, performance optimization, and Data Structures Algorithms. Experienced in taking products from design to deployment.

Technical Skills

Languages: C++, JavaScript, TypeScript

Frontend: React.js, Next.js (App Router), Tailwind CSS

Backend: Node.js, Express.js, REST APIs, JWT Authentication

Database: MongoDB, MongoDB Atlas

Deployment: Vercel, Render

Core: DSA, API Design, Basic System Design

Experience

Devoind Technologies

Ghaziabad

Web Development Intern

Jul 2024 – Sept 2024

- Engineered REST API modules and integrated React frontends for production features.
- Optimized database query flow reducing API latency by improving request handling.
- Built reusable UI components and improved application reliability via structured debugging.

Projects

The Margin – Scalable Technical Blogging Platform

Live: Live App **GitHub:** Repository

- Built full-stack blogging platform using Next.js (App Router) and TypeScript with server/client component separation.
- Implemented dynamic routing, SSR/SSG rendering strategy, and modular reusable layout architecture.
- Designed role-based content workflows with protected routes and API-driven backend logic.
- Optimized performance through automatic code splitting and static generation; deployed on Vercel.

Luminote – Academic Document Sharing Platform

Live: Live App **GitHub:** Repository

- Architected MERN-based system supporting authenticated uploads, downloads, and user dashboards.
- Implemented JWT-based authentication and protected REST endpoints.
- Engineered secure file upload workflow using Multer with validation and structured storage.
- Designed MongoDB schema and indexing strategy for scalable document retrieval.

InvoiceSwift – Smart Invoice Management System

Live: Live App **GitHub:** Repository

- Developed intelligent invoice system with automated tax, item-level totals, and real-time calculations.
- Implemented optimized React state management with dynamic preview updates.
- Designed backend CRUD APIs ensuring persistent storage and structured invoice data flow.
- Integrated PDF export pipeline reducing manual invoice preparation time.

Education

IMS Engineering College

Ghaziabad

B.Tech in Computer Science

2021 – 2025

Coursework: Data Structures, Algorithms, DBMS, Operating Systems