

ASHISH KUMAR TIWARI

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OBJECTIVE

Computer Science undergraduate with strong foundations in Data Structures and Algorithms and hands-on experience building full-stack and AI-powered applications. Interested in backend systems, distributed workflows, and scalable software engineering.

EDUCATION

B.Tech in Computer Science and Engineering	2023 – 2027
Oriental Institute of Science and Technology, Bhopal	CGPA: 7.86

SKILLS

Languages	C++, JavaScript, TypeScript
Frontend	React.js, Next.js, Tailwind CSS, Zustand
Backend	Node.js, Express.js, REST APIs, Trigger.dev
Database	PostgreSQL, Prisma, MongoDB, Mongoose
Core Concepts	Data Structures & Algorithms, OOP, DBMS, Operating Systems, Computer Networks
Tools	Git, GitHub, Docker, Linux, AWS EC2

PROJECTS

ContractIQ – AI-Powered Contract Review Agent [GitHub]	Next.js, TypeScript, PostgreSQL, Prisma, Trigger.dev
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- Built an **AI-powered contract review platform** that extracts clauses from PDF contracts, analyzes contractual risks, and generates professional review reports.
- Integrated **GPT-OSS-120B** and **Gemini 2.5 Flash** for clause-level risk assessment, ambiguity detection, recommendation generation, and summary creation.
- Designed **human-in-the-loop review workflows** allowing reviewers to approve, reject, and annotate AI-generated analyses before final report generation.
- Implemented **real-time summary streaming**, automated email delivery, and durable workflow orchestration for long-running AI tasks.

Secure Whisper – Anonymous Messaging Platform [GitHub] [Live]	Next.js, TypeScript, MongoDB, NextAuth.js
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- Built an anonymous messaging platform enabling users to receive messages without revealing sender identities.
- Implemented secure authentication and session management using **Auth.js** and **JWT-based authorization**.
- Implemented message submission, retrieval, and user profile workflows using a scalable API architecture.

Check Inly – Property Listing Platform [GitHub] [Live]	Node.js, Express.js, MongoDB, Cloudinary
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- Developed full-stack property listing platform with Passport.js auth, MVC architecture, validated REST APIs, and a Cloudinary + Multer image upload pipeline.

ACHIEVEMENTS & ACTIVITIES

- Solved **800+** DSA problems across coding platforms.
- Participated in hackathon at JEC Kukas, Jaipur; contributed to **Local Eye** — built AI-based image verification and cloud storage integration. [\[Certificate\]](#)
- Active member of the **Departmental Coding Club**; regularly participate in coding contests, problem-solving sessions, and technical discussions.