

ASHISH KUMAR TIWARI

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OBJECTIVE

Computer Science Engineering undergraduate with experience in building backend and full-stack applications using Node.js, MongoDB, and cloud services. Possesses a strong foundation in data structures, authentication systems, and scalable application design.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering
Oriental Institute of Science and Technology, Bhopal (M.P.)

2023 – 2027
CGPA: 7.86 / 10

TECHNICAL SKILLS

Languages	Python, JavaScript, C++ (Data Structures & Algorithms)
Backend Development	Node.js, Express.js, REST APIs, MVC Architecture
Authentication	JWT, Passport.js, Session-Based Authentication
Databases	MongoDB, MySQL
Storage & Cloud Services	AWS S3, Cloudinary, Multer
CS Fundamentals	Data Structures, Algorithms, DBMS, OOP, Operating Systems
Developer Tools	Git, GitHub, VS Code

PROJECTS

Secure Whisper – Anonymous Messaging Platform [\[GitHub\]](#) [\[Live\]](#)

Next.js, TypeScript, MongoDB, NextAuth.js, Resend, Tailwind CSS

- Built an anonymous messaging platform allowing users to receive messages via **shareable profile links** while preserving sender anonymity.
- Implemented secure authentication using **NextAuth.js** with email verification powered by **Resend**.
- Designed a complete sign-up and sign-in flow with protected routes and session management.
- Integrated MongoDB for scalable user and message storage.

Check Inly – Property Listing Platform [\[GitHub\]](#) [\[Live\]](#)

Node.js, Express.js, MongoDB, EJS, Passport.js, Cloudinary

- Built a full-stack property listing platform supporting **100+ active listings** with reviews and ratings using MVC architecture.
- Implemented secure user authentication and session management using Passport.js.
- Designed MongoDB schemas across **5+ collections** with indexed queries for efficient data retrieval.
- Integrated Cloudinary and Multer to manage **1000+ image uploads** efficiently.

Automated RGPV Result Scraper & PDF Generator [\[GitHub\]](#)

Node.js, Express.js, Puppeteer, OCR, EJS

- Automated result retrieval for **200+ enrollment numbers per request** from the RGPV portal.
- Reduced manual result collection time by **90%** by generating consolidated PDFs.
- Implemented batch processing and validation for invalid enrollment entries.

EXPERIENCE

Tech Community Member – Debug Programming Club

Dec 2024 – Mar 2025

- Designed algorithmic problem statements with edge-case-driven test cases for college-level coding contests.
- Evaluated submissions based on correctness and time complexity in a competitive programming environment.

ACHIEVEMENTS

- Ranked in the **top 32%** globally on LeetCode with a peak rating of **1522** across 30+ contests
- Solved **500+** Data Structures & Algorithms problems across LeetCode and GeeksforGeeks