

ISHAN TIWARI

ishan11032005@gmail.com | +91-9038819333 | LinkedIn | GitHub | LeetCode | Portfolio

EDUCATION

- Indian Institute of Information Technology, Guwahati (IIITG)** Guwahati, Assam
B.Tech – Computer Science and Engineering 2023 – 2027

EXPERIENCE

- Carrier** Remote
Tech Intern – Full Stack Developer Dec 2025 – Jan 2026
 - Owned the end-to-end design and implementation of an internal Reimbursement Management System using Node.js, Express.js, SQL, and frontend UI, digitizing a previously manual reimbursement workflow.
 - Streamlined multi-level reimbursement approvals by reducing workflow steps from **5 to 2** through deterministic state transitions and structured backend logic.
 - Designed and implemented **8+ RESTful APIs** to manage reimbursement creation, approvals, and audit-safe status updates across the full lifecycle.
 - Modeled normalized SQL schemas for reimbursements, users, and approval states, enabling multi-step workflows with traceability and data integrity.
 - Implemented secure authentication and **3-role RBAC** (employee, manager, admin) with backend validation and centralized error handling to protect financial operations.

PROJECTS

- EchoAI – Full-Stack AI Assistant** | *HTML5, CSS3, JavaScript, REST API, Node.js, Express.js, MongoDB*
 - Built a responsive frontend interface with theme toggle and route protection.
 - Integrated REST APIs for chatbot and image generation; improved response time by **35–40%** using async handling.
 - Benchmarked with **50 concurrent users**; sustained **42 req/s with 0% failures**, avg latency **128ms (p95 < 180ms)**.
 - Deployed via GitHub Pages (frontend) and Railway (backend).
 - Live:** EchoAI | **Repo:** GitHub
- DealFlow – VC Deal Intake & Review Platform** | *Node.js, Express.js, SQLite, React, REST APIs, Gemini API*
 - Built a VC deal intake system with public submissions and authenticated admin review, status tracking, and internal notes.
 - Designed JWT-secured REST APIs with rate limiting, handling **30+ concurrent requests** reliably.
 - Integrated **Gemini API** to auto-generate structured pitch summaries, reducing manual review effort by **~40%**.
 - Validated performance under sustained load, achieving **p95 latency < 1.6s**.
 - Live:** DealFlow | **Repo:** GitHub

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C++, JavaScript, Prolog
Core Computer Science: DSA, OS, DBMS, OOP, Computer Networks, Cloud Computing
Web & Frontend: HTML5, CSS3, JavaScript (ES6+), React.js, TypeScript, Next.js Tailwind CSS
Backend & APIs: FastAPI, Node.js, Express.js, RESTful APIs
ML / AI / NLP: NumPy, Pandas, scikit-learn, NLTK, Excel, Feature Engineering, Google ADK
Databases: MySQL, MongoDB, DynamoDB
Cloud & Developer Tools: AWS (EC2, S3, DynamoDB), Git, GitHub, Jupyter Notebook

ACHIEVEMENTS

- Solved **300+ LeetCode** problems; Max Rating **1730 (Top 10.95%)**.
- AlgoUniversity ATF 2024 – Stage 2 Candidate.
- Completed *The Complete Machine Learning Course with Python* (Udemy).

POSITIONS OF RESPONSIBILITY

- Technical Team Member – I&E Cell, IIITG** Jan 2024 – Present
Revamped and modernized the I&E Cell website, improving accessibility and overall user experience.
- Technical Team Member – INIZIO 2025** Jan 2025 – Mar 2025
Built the Sponsors page for INIZIO 2025 and mentored juniors on academic and technical growth.