

Anurag Jha

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Summary

Full-Stack Developer with MERN and Python automation expertise. Built production apps featuring secure authentication, API integrations, and bi-directional sync systems. Ready to deliver scalable solutions.

Technical Skills

- Frontend: React, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS
- Backend & Automation: Node.js, Express, Python, RESTful APIs, JWT, API Integration, Bi-Directional Sync, Idempotency
- Database: MongoDB, PostgreSQL, Supabase
- Tools/Others: Git, GitHub, Postman, Vercel, Render, VS Code
- Concepts: Real-time (WebSockets), PWA, Responsive Design

Projects

ShadowSpace - Anonymous Micro-Posting Platform

- Built privacy-first social platform with IP hashing (SHA-256), Geo-Location Obfuscation, and zero metadata tracking for true anonymity. Architected real-time feed using Supabase WebSockets
- Implemented custom JWT authentication with Deno Edge Functions, optimizing token generation (800ms → 120ms response time); Achieved 95 Lighthouse performance score
- Tech Stack:** React 18, Vite, Tailwind CSS, Framer Motion, Supabase (PostgreSQL + Realtime + Auth), Deno Edge Functions, IndexedDB (Dexie.js), Service Workers, Row-Level Security (RLS)
- GitHub:** github.com/4nxrag/shadowspace2.0
- Live:** shadowspace20.vercel.app

Airtable-Trello Sync Automation - Bi-Directional Lead Management Integration

- Engineered Python automation syncing 100+ leads between Airtable and Trello with idempotent metadata linking, handling pagination and rate limits
- Solved sync conflict race conditions using DONE-list protection logic, preventing automated overwrites of manual user completions
- Designed free-tier workaround embedding record IDs in descriptions (avoiding \$10/month Custom Fields) with regex extraction for bi-directional tracking
- Tech Stack:** Python, REST APIs, Regex, Error Handling, Polling Architecture
- Code:** github.com/4nxrag/automation-two-way-sync-anurag-jha | **Demo:** Video

Experience

Web Developer Intern, CodSoft (Virtual)

July 2025 – August 2025

- Engineered three full-stack modules using MERN stack with responsive UI (React + Tailwind CSS), improving mobile user experience across 5+ device breakpoints
- Integrated RESTful APIs with Node.js and Express to handle data flow, optimizing database queries in MongoDB for faster retrieval.
- Tech Stack:** React.js, Node.js, Express, MongoDB, Tailwind CSS, Git.

Education

LN College of Management and Technology, Bachelor of Computer Applications (BCA)

June 2022 – July 2025

- Key Coursework:** Data Structures and Algorithms, Database Management Systems, Computer Networks, Operating Systems, Software Engineering, Web Development.