Yusuf Doria

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EXPERIENCE

Rockville Medical | Rockville Centre, NY | ***Automation Engineer*** 06/2026 – Present

- Processed about 10,000 files a month with a Telnyx and AWS Textract fax system that sorts each one and files it in the right AdvancedMD chart
- Uses OpenAI to sort lab results, prior authorizations, and refills, and flags anything unsure for staff, logging every step
- Ended hand filing of NCV, AFT, and DPA test results by automatically uploading them to patient records through the AdvancedMD API

Hercules Automation | New York, NY | ***Founder & Lead Engineer*** 01/2026 – Present

- Run an automation agency for 3+ health and wellness clients on retainer, building voice agents with Twilio and Claude that book appointments
- Cut each client's admin work by about 10 hours a week with n8n workflows that send text and email outreach to fill cancelled slots
- Built dashboards using Next.js, Node.js, and PostgreSQL that show clients how their pipeline and appointment bookings are doing in real time

Sonadia | New York, NY | ***Software Engineer Intern*** 01/2024 – 12/2025

- Helped launch an Ethereum music platform using Web3.js; the beta reached 2,000+ artists, 80% still active after 30 days
- Contributed to system design, sprint planning, and code reviews, and added SQL reporting on product usage
- Built tracking and rewards features in React.js and Solidity, minting claimable NFTs when users hit listen-time thresholds

PROJECTS

Dental Recovery OS | Personal project: AI-powered revenue recovery for dental clinics [Tools Used: React · Node.js · PostgreSQL · Claude API · OpenAI API · n8n · Twilio]

- Designed an outreach system to fill open appointment slots in under 2 hours instead of days, using Claude to pick which patients to contact first
- Aimed at the $50K–$200K a year dental clinics lose on unscheduled treatments and cancelled slots
- Added OpenAI-powered drafting of clinical notes and scheduling summaries to cut down on paperwork

NYC Lot Sniper | nyclotsniper.vercel.app | AI-powered real estate due diligence for NYC [Tools Used: Next.js · React · TypeScript · Supabase · OpenAI API · NYC Open Data]

- Turned weeks of manual property research into a ranked shortlist of NYC lots, built on uploaded city property data
- Pulled in public records on sales, violations, and owner distress to spot underbuilt properties, teardown candidates, and motivated sellers
- Used OpenAI to write a short report for each lot with a recommendation, risks, a confidence score, and ideas for approaching the owner

SKILLS

Programming Languages: JavaScript, Python, SQL, TypeScript, HTML/CSS
Frameworks & Data: React.js, Next.js, Node.js, Express.js, PostgreSQL, Supabase, REST APIs
AI & Automation: Claude API, OpenAI API, n8n, Twilio
Tools: Git, GitHub
Spoken Languages: English, Hindi, Urdu, Gujarati, Spanish

EDUCATION

Brooklyn College, CUNY | New York, NY | ***BS in Computer Science*** Expected 12/2026

- ***Coursework***: CISC. 3130 Data Structures, CISC. 3220 Algorithms, CISC. 3320 Operating Systems, CISC. 3171 Intro to Software Engineering