

New Delhi, India · +91 89288 79285 · vishwasjha13@gmail.com · <https://vishwas.my> · [linkedin.com/in/vishwas-jha](https://www.linkedin.com/in/vishwas-jha) · github.com/VishWas-13

SUMMARY

Full-stack engineer who ships complete products solo across web, mobile and desktop. I own architecture, data modeling and delivery end to end: type-safe monorepos, real-time systems over MQTT and WebSockets, cross-platform desktop apps, and hand-written binary protocols where no SDK exists. An AI-accelerated workflow (Claude, Antigravity) lets me deliver on timelines that usually take a team. Former 9-person team lead, comfortable with stakeholders and delivery; current domain is RFID/IoT, but the engineering travels anywhere.

SKILLS

Languages	TypeScript, JavaScript (ES6+), Python, Kotlin, C++, C#, SQL
Frontend	React, Next.js 15, React Native, TypeScript, Tailwind CSS, Ant Design, shadcn/ui, Three.js / R3F, Recharts
Backend	Node.js, NestJS, Express, tRPC, REST, WebSockets/Socket.IO, JWT auth
Mobile & Desktop	React Native, Expo, Jetpack Compose, Electron
Data	PostgreSQL, MySQL, Firebase/Firestore
IoT / Hardware	RFID (UHF / EPC Gen2), BLE beacons, MQTT, Serial integration
Tooling	Turborepo, pnpm, Docker, Git, Advanced Excel
AI Workflow	Claude Code (Anthropic), Antigravity, Google Gemini, Google Stitch, Google Whisk, AI pair-engineering, Prompt-driven prototyping

EXPERIENCE

Software Engineer II Mar 2026 – Present

Identium Tech Solutions · New Delhi

- Sole engineer for the company's RFID/IoT product line across backend, web, mobile and desktop; own architecture, data modeling and delivery.
- Built Identium Tracking: a reusable-asset logistics platform with auto-generated GRN dispatch, In-Transit/reconciliation state machine, role-based auth and full audit history (React, Ant Design, Node, MySQL).
- Built RaceFlow Pro, an RFID race-timing platform, hand-writing the reader's binary protocol over raw TCP (CRC-16 framing, EPC/RSSI parsing, two-gate anti-cheat) with a React frontend and Electron relay; shipping at v5.6.2.
- Shipped cross-platform desktop apps (Electron + React) talking to UHF readers via a C# bridge wrapping the vendor DLL over a hand-decoded binary protocol, including an AISense auto-tuning optimiser.
- Delivered internal systems with role-based auth, full audit history, real-time tables and branded Excel/PDF export (React, Ant Design, Node, MySQL).
- Published native Android apps to the Play Store (Kotlin & Java) with dependency-free XLSX/PDF export and chip-level NFC/UHF drivers.

UI/UX & Graphic Designer, Frontend Developer Sep 2024 – Feb 2026

Freelance · New Delhi

- Delivered design and responsive frontend for multiple small-business clients, from Figma wireframes to shipped interfaces.
- Built Clothsiva's e-commerce UI and Sui Generis' brand and campaign work, plus office LAN setup and data digitization.

Software Engineer / Team Lead Jul 2022 – May 2024

LTIMindtree · Navi Mumbai

- Built and maintained multiple internal web applications for client Rev Group: new features, bug fixes and UX improvements across their web properties.

- Led a 9-member team supporting enterprise ERP systems (Oracle, Sage FAS, Vertex, Epicor); automated transaction-log monitoring with Python, cutting manual effort ~50%.
- Led legacy migrations (ComNet, Vertex) with zero business downtime; primary technical liaison for US clients, meeting all SLAs.

PROJECTS

RaceFlow Pro: RFID race-timing platform (web + desktop). Custom design system with domain tokens, ~16 hand-authored animations, glassmorphism and dark mode. 30+ screens spanning live tracking, leaderboards, an embeddable widget and PDF certificates. React, TypeScript, shadcn/ui, Recharts, Electron.

Identium UHF Desktop Reader: Electron desktop app for the UHF Desktop Reader 103 — live inventory, single and bulk tag writing with Excel current-to-new mapping, and full reader configuration — built on a pure-Node reimplement of the vendor's NRP binary protocol (no vendor DLL). Shipping at v1.1.3. Electron, React, Tailwind.

CX Flow Pro: published Android RFID workstation for the CX1500N rugged gun-grip PDA. Bulk UHF inventory, tag programming across all memory banks, Geiger-counter proximity search, keyboard-emulation injection, a cloud webhook auto-mode and the AISense settings optimiser. Explored in two complete design languages (iOS-premium and 'Nothing'-industrial) before build. Kotlin, Jetpack Compose.

Identium Tracking: reusable-asset logistics platform moving boxes, trolleys and pallets between warehouses, hubs and client sites with a self-writing paper trail. Auto-generated GRN dispatch (In-Transit → Available), reconciliation to close the loop, role-based auth and full audit history. React, Ant Design, Node, MySQL.

Active RFID + BLE Tracking: real-time location platform fusing long-range 2.4 GHz active RFID and BLE 5.0 indoor positioning. Custom binary TCP protocol (CRC16-CCITT) plus a Web Bluetooth (Electron) companion holding the reader's stream mode over BLE GATT. Node, Express, WebSocket, MySQL, React.

EDUCATION

Master of Computer Applications (MCA)

Indira Gandhi National Open University

2026 – Present • Pursuing

Bachelor of Computer Applications (BCA)

Vivekananda Institute of Professional Studies, GGSIPU

2019 – 2022 • GPA 9.02 / 10

CERTIFICATIONS

Graphic Design: Pop Your LinkedIn with 3D Effect (Canva)

Coursera • Jul 2026

Fundamentals of Graphic Design

California Institute of the Arts (CalArts) • Coursera

AI & Generative AI

Pluralsight • 2023

Accessing an Oracle Database with Oracle Supplied Tools

Pluralsight • 2023

Introduction to Python: Course + Certificate of Excellence

Coding Ninjas • 2022