

HIMANSHU JASAIWAL

Full-Stack Engineer | TypeScript, React, Node.js, Python

himanshujasaiwal114@gmail.com | +91 9540713919 | Delhi, India | LinkedIn | GitHub | Portfolio

PROFILE

Full-stack engineer with 3 years of experience delivering production software across industrial IoT, healthcare analytics, and SaaS. Delivered product features and backend systems with TypeScript, Node.js, and Python; reduced telemetry ingestion errors from 64% to 0% on a platform serving 50,000+ devices.

TECHNICAL SKILLS

Languages & frontend: TypeScript, JavaScript, Python, React, Next.js, Vite

Backend & data: Node.js, Express, FastAPI, REST, MCP, PostgreSQL, Redis, Prisma, SQLAlchemy

Cloud, identity & IoT: Azure, AWS, Docker, Linux, CI/CD, OAuth2/OIDC, Microsoft Entra ID, MQTT, LoRaWAN, OPC UA, EtherNet/IP

EXPERIENCE

Senzary | Industrial IoT

Apr 2026 - Present

Full-Stack Engineer

- Reworked multi-tenant telemetry ingestion for 50,000+ devices across 180+ facilities, reducing errors from 64% to 0% and restoring about one-second latency; diagnosed a rule-engine outage affecting 2,449 nodes and 2.24M alarm rows.
- Built two Node.js MCP servers with 59 tools for ThingsBoard and Actility ThingPark, and deployed a read-only SSE service on a private Azure VM.
- Delivered Microsoft Entra ID OAuth2/OIDC SSO across 29 customer accounts and 160 safety devices with rollback under five minutes; fixed stale-GPS handling and built an EtherNet/IP-to-LoRaWAN decoder.

AppX | Y Combinator S21

Nov 2025 - Mar 2026

Full-Stack Engineer

- Shipped React/TypeScript, Node/Express, and PostgreSQL features for a creator SaaS serving 15,000+ creators and reporting 150M+ signups.
- Built multi-tenant onboarding, DRM video and course delivery, livestream, and checkout workflows with a 30-person product and engineering team.

HURC Healthcare Solutions

Feb 2025 - Nov 2025

Full-Stack Engineer

- Built a four-service healthcare ML platform with React, Node/TypeScript, FastAPI, and PostgreSQL for emergency-volume and revenue modeling across 11 East Coast hospitals.
- Owned typed BFF and inference services, moved financial calculations server-side with regression tests, and shipped a clinical recruiting portal; modeled \$884K-\$6.09M annual revenue impact per hospital.

M81 Media

Nov 2023 - Jan 2025

Full-Stack Engineer

- Built growth and community-intelligence systems for venture-backed and global e-commerce clients with React, Node.js, Python, PostgreSQL, and Redis.
- Developed ingestion and web-scraping APIs for keyword velocity, sentiment, answer-engine visibility, and webhook alerts.

EDUCATION

Guru Gobind Singh Indraprastha University | B.Tech, Mechanical & Automation Engineering | CGPA 8.04/10 (2018 - 2022)