

# Sunil Rathod

shrathod515@gmail.com | +91 82006 85503 | Ahmedabad, Gujarat, India | linkedin.com/in/sunilrathod27

## SUMMARY

Full Stack Developer with 4+ years of experience building real-time industrial IoT dashboards, enterprise ERP integrations, and cloud-native web platforms using Vue.js, Nuxt 3, and Node.js. Currently leading frontend development of a Digital Asset Management (DAM) platform. Certified in Gen AI (Outskill, 2025) with hands-on expertise in LLM integration, AI agents, and vibe coding workflows (Cursor, Claude, ChatGPT, Gemini). Proven ability to deliver end-to-end features from architecture to deployment on AWS.

## TECHNICAL SKILLS

**Frontend:** Vue.js 3, Nuxt 2 & 3, Vuetify, Pinia, Composition API, TypeScript, Tailwind CSS, Chart.js  
**Backend:** Node.js, Express.js, REST APIs, WebSockets, MQTT, Cron Jobs  
**Database:** MySQL, PostgreSQL, MongoDB, Typesense  
**Cloud & DevOps:** AWS (EC2, S3, CloudFront), Docker, PM2, GitLab CI/CD, Git  
**Integrations:** QAD ERP (XML + REST), WhatsApp API, Twilio SMS, AWS SNS  
**Gen AI & LLMs:** OpenAI API, Prompt Engineering, AI Agents, Voice Agents, RAG, LLM Integration  
**AI / Vibe Coding:** Cursor IDE, Claude AI, ChatGPT, Google Gemini, Bolt.new  
**Specialisations:** IoT & MQTT, Real-Time Dashboards, Digital Asset Management, ERP Automation

## WORK EXPERIENCE

**Frontend Lead — Collage DAM Platform** Apr 2024 – Present  
*Rivulet Digital IQ* Remote, India

- Architected and built a full-featured Digital Asset Management platform handling enterprise-scale media libraries with millions of assets using Vue.js 3 and Node.js.
- Engineered AWS S3 asset pipeline supporting drag-and-drop uploads, folder/collection organisation, and bulk file move/copy/duplicate operations.
- Implemented Typesense full-text search, cutting media retrieval time significantly across multi-million asset libraries.
- Designed dynamic metadata management, custom fields, user/role management with subscription plans, and a public/private Brand Portal.
- Integrated AI coding tools (Cursor, Claude AI) into the development workflow, accelerating feature delivery by approximately 40%.

**Senior Full Stack Developer** Jun 2022 – May 2024  
*Aliter Business Solutions Pvt. Ltd.* Ahmedabad, Gujarat

- Led Evolve Automation v3: migrated QAD ERP integration from legacy XML to REST APIs with a redesigned Nuxt 3 frontend, reducing integration complexity for manufacturing clients.
- Built MT Auto Craft IoT v3 factory intelligence dashboard with real-time machine tracking, employee tool usage, and ERP sync via WebSockets and MQTT.
- Delivered PharmEasy IoT cold chain dashboard with configurable temperature breach alerts (WhatsApp, Email, SMS), ensuring pharmaceutical cold-chain compliance.
- Conducted on-site factory visits to identify operational gaps and translate floor-level requirements into production-ready software.

**Graduate Trainee → Web Developer** Sep 2021 – May 2022  
*Aliter Business Solutions Pvt. Ltd.* Ahmedabad, Gujarat

- Developed Evolve Automation v2 (Nuxt 3 + Node.js + QAD ERP XML), streamlining factory production data workflows across multiple clients.
- Built MT Auto Craft IoT v2 MQTT dashboard for real-time machine output monitoring and cold storage alerting via SMS, WhatsApp, and Email.

## KEY PROJECTS

**Collage — Digital Asset Management Platform** Vue.js · Node.js · AWS S3 · Typesense  
– Enterprise DAM with asset management, advanced search, metadata system, brand portals, and analytics dashboard for large-scale digital media operations.

**MT Auto Craft IoT v3 — Factory Intelligence Dashboard** IoT · MQTT · Nuxt 3 · WebSockets · QAD ERP  
– Real-time factory floor dashboard with machine tracking, employee tool usage monitoring, and ERP data sync.

## EDUCATION

**Bachelor of Computer Applications (BCA)** 2018 – 2021  
*Gujarat University* Ahmedabad, Gujarat

## CERTIFICATIONS

- **Gen AI Accelerator Program** — Outskill (2025) — LLMs, OpenAI API, Prompt Engineering, AI Agents, Voice Agents, RAG, AI Monetization
- The Fundamentals of Digital Marketing — Google
- Machine Learning with Python – Level 1 — IBM — Python 101 for Data Science — IBM
- Python (Basic) — HackerRank