SAMIR LOHIYA - Node.js Developer

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Education: *Chemical Engineering | CGPA : 9.32 | Graduation: 2022*

SKILLS

- <u>Backend</u> - Node.js, TypeScript, REST APIs, Socket.io, Docker, CI/CD, GitHub Actions
- <u>AWS</u> - EC2, S3, Cloud Watch, Route 53, Amplify, IAM roles and policies
- <u>Databases</u> - PostgreSQL, MongoDB, Elasticsearch
- <u>Frontend</u> - React.js, Next.js, Tailwind CSS
- <u>Other</u> - AI prompting, Automated Workflow development

EXPERIENCE

Backend Developer, Intoglo   *Jan-2023 - Present*

- **Developed a Shipment tracking module**
  - **Tech stack: Node.js, Typescript, Third-party services for sending messages on email and WhatsApp**
  - **Description:** Developed client-facing modules, enabling near real-time tracking of shipment plans and status updates as well as automated notifications via email and WhatsApp.

- **Email automation module:**
  - **Tech Stakc: Gmail API, Node.js, TypeScript, LLM (Gemini)**
  - **Description:** Developed an automation system to enhance internal efficiency and minimize losses. Eliminated manual data entry for the shipment tracking module and generated sentiment analysis reports.
- **Developed the Industry's first AI-based HS Classification system** for exporters(Gemini, Elasticsearch).
- **Implemented a DevOps CI/CD pipeline** using GitHub Actions to deploy applications on AWS EC2, enhancing deployment efficiency and **eliminating manual processes**
- **Developed a Chrome Extension** for scraping, enhancing team productivity and **reducing TAT time by over 20x.**
- **Automated a logistics newsletter** using RSS feeds, web scraping, and **AI** for data processing and summary generation, sending it to the Internal team for writing blogs.
- Conducted peer code reviews to ensure code quality, consistency, and adherence to best practices.

Personal Projects

Realtime Load Monitoring Platform: **GITHUB**

Tech Stack: Node.js, TypeScript, Socket.io, Next.js, Tailwind CSS and MongoDB
Description: This web app provides real-time monitoring of CPU and memory utilization across multiple PCs. Utilizing Socket.io, each connected device continuously streams performance data to the central backend, enabling comprehensive oversight of system health. Ideal for IT administrators and system engineers, it helps in proactive management, performance optimization, and troubleshooting.

E-commerce Platform: **GITHUB**

Tech Stack: Node.js, Express.js, JWT and MongoDB
Description: Developed a comprehensive e-commerce site with a focus on user management, product catalogue, cart functionality, and order processing. Designed and implemented robust backend models and APIs for managing users, products, carts, and orders. Utilized JWT tokens for secure authorization