

Skills

- Node.js, SQL, No SQL, New Relic, Flask, Spring Boot, Python, TypeScript, Java, Generative AI

Experience

Senior Data Engineer

Dec 2023 - Present

Primathon

- Launched and managed a Meta Public app, owning the process end-to-end — from planning to production and scaling it to **2k MAUs**
- Designed high-throughput ETL Systems to load large Ad Catalogues (TypeScript, Node.js, SQL)
- Engineered on personalised Ad Creative Generation API's via (GenAI, OpenRouter, Flask)
- Built out observability dashboards using New Relic for better system monitoring and alerting

Software Engineer (Data)

Aug 2022 - Nov 2023

SWIFT

- Lead Engineer, Managing and Building an in-house Order Management System processing **50k orders a day**
- Built and managed integrations across multiple e-commerce providers e.g. Shopify, Amazon, Woocommerce and more (Java, SpringBoot, MongoDB)
- Optimised performance across Document and Column-wide DBMS systems, tuning complex queries to ensure **sub-1 second P95 API latency**
- Built data pipeline + scrapers to get critical data while avoiding detection using **IP Rotation**

FullStack Engineer

May 2020 - May 2022

Intugine Technologies

- Built and shipped end-to-end features across the stack — from designing APIs and databases to crafting clean, responsive UIs using **UIKit**
- Worked closely with product and design teams to turn ideas into fast, reliable, and scalable web applications.
- Owned key parts of the codebase, **wrote clean, testable code**, and actively reviewed PRs to keep quality high across the team.

Projects

Strix (OSS Contributor)

🔗 <https://github.com/usestrix/strix>

- Autonomous AI agents that act just like real hackers
- Agent Security tools (HTTP proxy, browser automation, terminal environments, Python Environment)
- Comprehensive vulnerability knowledge (Access Control, Injection Attacks, IDOR, JWT vulnerabilities)
- Real validation with PoCs, not false positives

AI Content Gen Agent

🔗 <https://github.com/RMartires/blog-writer-agent>

- Web Research: Automatically researches topics
- RAG System: Uses LangChain and FAISS for context-aware generation
- Flexible AI Models: Access multiple LLMs via OpenRouter (including free models)
- Observability: Built-in LangSmith integration for tracing and debugging

Education

Don Bosco College Of Engineering

BE/B.Tech/BS

2020