SOUVIK KAR MAHAPATRA

souvikat001@gmail.com | linkedin.com/in/souvik-kar-mahapatra | github.com/souvikinator

EXPERIENCE

Zero   Bengaluru
Co-Founder & CTO   *Jun 2024 – Nov 2024*

- Built SEOAutoLink.com, automating discovery and insertion of SEO-friendly links to boost client rankings by **25%**.
- Optimized script performance and load time by **40%** while preserving SEO metrics.
- Leveraged user behavior analysis to drive product iterations, increasing conversions by **30%**.
- Created scalable content processing pipeline to handle **3K-5K** posts with 99% uptime and **2-3s** processing time per post.
- Implemented keyword matching using **NLP** and **RAG**, achieving **85%** contextual link match accuracy **across languages**.

GoComet   Bengaluru
Backend Developer Intern   *Feb 2024 – Aug 2024*

- Identified and refactored tech debt in detention and demurrage module to resolve edge cases and implement combined fee calculations.
- Accelerated SQL queries by **20-30%** through query plan optimization and **New Relic**.
- Automated data transfer and file parsing with **Python** and **Shell**, reducing manual work by 70%.
- Enhanced **Slack** support workflow to track team responsibilities, increasing transparency.

OpenInApp/Listed   Bangalore
Backend Developer   *Jul 2023 – Jan 2024*

- Architected calendar booking system for influencers supporting concurrent, conflict-free bookings.
- Engineered **Shopify** in-app browser redirection and attribution, boosting conversions **11x** with **90-95%** accuracy.
- Built image-based product discovery platform processing **10K+** daily searches using **RabbitMQ** and pub-sub, reducing request failures by 75%.
- Led **Docker** adoption and database migrations methods, cutting deployment time and manual work by 60%.

Digital Product School   Remote
Software Engineer   *Sept 2022 – Mar 2023*

- Engineered data platform for pfaff-mold.de to automate collection and analysis of industrial machine data, reducing manual work and support cost by 70%.
- Built time series data pipeline processing **1K+ sensor readings/s** with **MQTT** and **Cassandra**.
- Created real-time multi-role monitoring dashboard in **React**, enabling 80% faster data analysis and proactive maintenance.

PROJECTS

notion-to-md [Typescript, NodeJS]   Dec 2021 – Present
- Plugin-based **NodeJS** module for converting Notion to markdown with 100% test coverage.
- Achieved **40K+** weekly NPM downloads, **1.1K+** stars, merged **30+** PRs on GitHub, actively maintaining.

lsx (ls-Xtended) [Go, Shell]   Oct 2021
- Terminal navigation tool in **Go** with directory aliasing and smart ranking, reducing navigation time by 70%.
- Garnered **170+** stars on GitHub.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Go, Python, Shell, C++, C
Databases: PostgreSQL, MongoDB, Redis, Cassandra
Frameworks/Libraries: Node.js, React, Next.js, Express
Tools/Platforms: AWS, Docker, Nginx, RabbitMQ, GitHub Actions

EDUCATION

Kalinga Institute of Industrial Technology   Bhubaneshwar, Odissa
B.Tech in Information Technology, 8.2 CGPA   *2020 – 2024*