

SOUVIK KAR MAHAPATRA

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EXPERIENCE

Meshery / Layer5

Remote

Open Source Contributor & Maintainer

Dec 2024 – Jan 2025

- Maintained core components of **Meshery Server**, **Meshkit**, and **Meshery Cloud** and documentation, ensuring scalability and performance.
- Revamped the **GitHub Import Wizard**, improving UX, performance, and eliminating import failures by **100%**.
- Fixed the **Model Generation Pipeline**, enabling **100+ seamless integrations**, better GitHub repos and Helm Charts support.
- Reviewed **20+ PRs**, and engaged with the open-source community.

Zero

Bengaluru

Co-Founder & CTO

Jun 2024 – Nov 2024

- Led the technical development of SEOAutoLink.com, implementing automated link discovery and insertion that boosted client SEO rankings by **25%** and **NLP & RAG-based keyword mapping** with **85%** accuracy across languages.
- Engineered a high-performance, scalable infrastructure capable of processing and semantically analyzing **3K-5K** blog posts with **99%** uptime and **2-3s** per post.
- **Optimized website speed** by reducing script load times by **40%**, ensuring seamless performance and **minimal impact on SEO metrics**.
- Leveraged user behavior analytics to iteratively enhance product features, resulting in a **30%** increase in conversions.

GoComet

Bengaluru

Backend Developer Intern

Feb 2024 – Aug 2024

- Refactored the detention and demurrage module, fixing edge cases and implementing combined fee calculations.
- Optimized SQL queries using **New Relic**, reducing execution time by **20-30%**.
- Automated data transfer and file parsing with **Python** and **Shell**, cutting manual effort by **70%**.
- Developed and integrated a **Slack** support workflow to track team responsibilities, improving transparency.

OpenInApp/Listed

Bangalore

Backend Developer

Jul 2023 – Jan 2024

- Engineered **Shopify** in-app browser redirection and attribution, increasing conversions **11x** with **90-95%** accuracy.
- Built an image-based product discovery platform processing **10K+** daily searches via **RabbitMQ** and pub-sub, reducing request failures by **75%**.
- Led **Docker** adoption and database migration strategies, cutting deployment time and manual work by **60%**.

Digital Product School

Remote

Software Engineer

Sept 2022 – Mar 2023

- Developed a data platform for pfaff-mold.de to automate industrial machine data collection, reducing manual work by **70%**.
- Designed a time-series data pipeline handling **1K+ sensor readings/s** with **MQTT** and **Cassandra**.
- Made a real-time monitoring dashboard in **React** that speeds up data analysis by **80%** and helps with maintenance.

PROJECTS

notion-to-md [TypeScript, Node.js]

Dec 2021 – Present

- * Powerful and extensible Notion content conversion engine with a plugin-based architecture, enabling seamless export to multiple formats.
- * Maintaining an actively growing open-source project with **60K+** weekly NPM downloads, **1.3K+** GitHub stars, and **30+** merged PRs.

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: React, Next.js, Express, Django, Gin, Gorilla

Tools/Platforms/Skills: AWS, Docker, Nginx, RabbitMQ, Redis, GitHub Actions, WordPress, Website Speed Optimization

EDUCATION

Kalinga Institute of Industrial Technology

B.Tech in Information Technology, 8.2 CGPA

Bhubaneswar, Odissa

2020 – 2024