GOURAV RAJ

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WORK EXPERIENCE

SWYM, Bengaluru, India

Swym is a leading shopper engagement platform for Shopify & Big-Commerce e-commerce stores, serving over a billion site sessions globally and powering brands like GIVA, Princess Polly, Borosil, and DollsKill.

Software Engineer   Jan 2023 - Present

- **Integrated ESP platforms**, such as Klaviyo, Yotpo SMSBump, Attentive, etc into the platform, enabling online stores to run email & SMS marketing campaigns **contributing to over $30M in sales.**
- Implemented a **scalable workflow service** using Temporal for orchestration and a **rules engine** for dynamic execution **handling over 10 million events daily.**
- Optimized **Swym's storefront performance** resulting in a **40% reduction in app load time** and up to **10% increase in lighthouse scores** of the customer's e-commerce websites.
- Developed the **integration settings UI** within the Swym admin dashboard **empowering over 40,000 merchants** to seamlessly install and configure triggers for their business needs.

Associate Software Engineer   Jan 2022 - Dec 2022

- Designed and built an **import system** automating the customer data import process, **contributing to over $100K in the company's annual revenue.**
- Led data migration **of over a billion rows across different tiers** hosted on Azure, enhancing the online stores' performance and **optimizing the company's infra cost.**
- Implemented the **automation of grid button injection**, making it self-serve for the Shopify store merchants to surface wishlist buttons onto the catalog page **adding up to 20% more wishlist actions** and leading to more conversions.
- Developed and documented **Swym developers' APIs and SDKs** serving a diverse **community of thousands of developers.**

AWARDS AND RECOGNITION

- Recipient of the **Hacktoberfest 2023** reward for my contributions to open-source projects.
- **Swym Hackathon 2023 Runner Up:** Developed a support chatbot using llama-index, OpenAI APIs, and help articles.
- **Swym Hackathon 2022 Winner:** Created an NPM package for the companies' SDKs and REST APIs named SWAPI, which developers can use to integrate the Swym App with their Shopify headless stores seamlessly.

PROJECTS

Dot Portfolio: Interactive portfolio website with responsive design, light/dark themes, customization, and vercel analytics.
typy: Developed a web application for practicing and evaluating keyboard typing skills.
Buyz Ecom Platform: An online marketplace enabling vendors to list and sell products directly to consumers.

SKILLS

Backend Development: TypeScript, NodeJS, Express.js, Python, Fast API, Flask, Clojure, C, C++, Java, Compojure-Ring, System Design, Microservices, API, REST & GraphQL APIs, SOLID Principles, Design Patterns, MVC

Data Management: PostgreSQL, MySQL, MongoDB, Cosmos DB, Data Streaming & Caching using Kafka, Redis

Frontend Development: HTML, CSS, JavaScript, ReactJS, Babel, Webpack, ES6, SEO, Web Design, Chrome DevTools, Tailwind CSS, Figma, JQuery, Web Applications

DevOps, Automation & Cloud: Docker, Kubernetes, Jenkins, Elasticsearch Kibana, OpenSearch, Grafana, New Relic, Unit, A/B, Integration & Performance Testing k6, Git, ArgoCD, Helm, GitHub, Linux Microsoft Azure, Amazon Web Services AWS, QA

Others: Data Structures & Algorithms, High-Level Design, Low-Level Design, Object-oriented Programming, Agile & Scrum, JIRA, Confluence, Project Management, Technical Documentation,

Soft Skills: Problem-Solving, Team player, Prioritization, Communication, Leadership, Learn and adapt quickly

EDUCATION

Birla Institute of Technology, Mesra, Ranchi - India
Bachelor of Technology in Information Technology - 2022   **Graduated with 8.3 CGPA**