Sohil Momin

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SUMMARY

Passionate Backend Engineer with 4.5+ years of experience in building large scale backend systems using C++, JavaScript and multi threaded architecture. Experience in designing and implementing REST APIs and managing data with relational and NoSQL databases. A skilled problem-solver with a solid foundation in data structures, algorithms, and object-oriented programming.

TECHNICAL SKILLS

Languages & Frameworks: C++, Javascript, Python, HTML, CSS, React, Node, SQL

Tools & Technology: MySQL, MongoDB, AWS, Git, Visual Studio, Postman, Jenkins (CI/CD)

Miscellaneous: Multi-threading, Networking, Debugging, Data Structures & Algorithms, Object-Oriented Programming

EXPERIENCE

Senior Software Development Engineer
April 2025 – Present
Tally
Bengaluru, Karnataka
- Developed highly optimized **Bank-Reconciliation** module for **TallyPay**, resulting **85% faster reconciliation**. Elevated the user experience significantly by automating the reconciliation process with highly accurate match results.
- Enhanced the in-house **File System Browser** by integrating deep data validation capabilities, a strategic enhancement that enabled **2x faster error identification**, directly led to the resolution of legacy bugs and a more **robust data repair framework.**

Software Development Engineer 2
April 2023 – March 2025
Tally
Bengaluru, Karnataka
- Built core data and business logic services for TallyPrime's **WhatsApp integration**, delivering a **70%+ reduction in time** spent on **third-party** service interactions, establishing a universal template for subsequent integrations.
- **Re-architected** the legacy Migration and Repair framework to include a robust **error resolution system**, a critical enhancement that ensured a smooth upgrade path for **1 million+ customers** moving to TallyPrime 3.
- Spearheaded the initiative to **Automate the Conveyance Bill Claiming** which is used by **1500+** of Tally employees. This has been achieved by parsing the pdf invoices and using **OCR** to read image invoices, while reading email invoices completely **eliminated manual effort**.

Software Development Engineer 1
April 2022 – March 2023
Tally
Bengaluru, Karnataka
- Led the design of a **Tally Benchmarking tool** to measure time and memory footprint of over **400+** Tally reports. The **byte-level precision** of the tool directly led to optimizing a core function, **reducing** its database **write size by 80%**.

Software Development Engineer – Trainee
September 2021 – March 2022
Tally
Bengaluru, Karnataka
- Architected a **cloud storage framework** to extend data backup and restore functionality, integrated with **Google Drive (via OAuth 2.0)**, Enhanced its performance by a **multi-threaded process** to manage **parallel data streams**.

Extracurricular
2022 – Present
Tally
Bengaluru, Karnataka
- **Induction trainer** - Trained **150+** campus hires, teaching **C++, Git, JIRA and DSA** accelerating on-boarding.
- **Mentor** - Coached **15+** trainees/interns in technical and soft skills, guiding their professional growth.
- **Tally Code Brewers** - Mentored **20+ teams (100+ members)** in a nationwide hackathon, fostering innovation

EDUCATION

Dhirubhai Ambani Institute of Information and Communication Technology
Gandhinagar, Gujarat
*Bachelors in Information and Communication Technology – **8.14/10***
Aug 2017 – June 2021

ACHIEVEMENTS

Tally Rising Star Award – Engineering (HY1 24–25) for outstanding contributions to TallyPay.

Tally Rookie Award – Engineering (HY2 22–23) for impactful work on Business Logic and DB layer.

2nd runner-up at Technovation (Aug - 24), an organization-wide hackathon, for developing Auto Resolve Chatbot.