Tide Experience Summary

May 2024 – till date

I work as a **Staff level Backend Engineer** at **Tide**, where I stay **deeply hands-on with coding** while owning the design and delivery of critical backend systems in the **Acquiring and Financial Services** domain.

I led and actively coded on a **large-scale platform migration**, moving **~4 million users** to a new platform with **zero downtime** using **cohort-based and phased rollout strategies**. This involved designing backward-compatible APIs and strong observability to safely migrate heterogeneous user cohorts without customer impact.

I am a core contributor to the **Merchant Account initiative**, where I helped **define and implement the domain model from scratch**. I collaborated closely with **Payments, Ledger, PSP, Risk, Product, and Platform teams** to design a clean **Domain-Driven Design (DDD)**–based architecture with **well-defined bounded contexts**, aggregates, events, and service interfaces. This work enabled clearer ownership, safer evolution of the acquiring transaction lifecycle, and scalable support for refunds, chargebacks, and future self-service capabilities.

On a day-to-day basis, I **write production code** in **Java 17, Spring Boot, PostgreSQL (via JOOQ), and Kubernetes (EKS)**, refactor complex legacy paths, and turn architectural decisions into **working, maintainable implementations**. I also lead by example through **RFCs, Architectural Design Records (ADR), Technical Design Records (TDR), code reviews, and working prototypes**, ensuring architecture is always grounded in real code.

Refer 👉 **GitHub:** https://github.com/rajeshg2/