Tarang Khetan

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EXPERIENCE

- **Slice**   Bangalore, India
  Software Development Engineer II   *01/2022 – Present*
  - Built and enhanced **Payment Gateway Service** supporting multiple payment methods with transaction-level routing and client-level locking; introduced smart routing and control frameworks, enabling **80% faster parameter rollout** and **70% faster configuration updates**.
  - Designed and developed **Payouts Service**, a distributed, cloud-native, multi-tenant, multi-vendor system handling **600–700 requests per minute at peak** with a **99% success rate**, enabling monthly disbursements exceeding **INR 700 Cr**.
  - Increased **Electronic Gift Voucher (EGV)** success rate from 80% to 96% by fixing bugs and addressing edge cases in a legacy system.
  - Improved CBS scalability and reliability through **Redis-based distributed locking**, **high-availability enablement** (zero-downtime, Redis-backed state management, migration of 19+ APIs), and **UPI flow optimization** by eliminating redundant API calls.
  - Enhanced scalability and resiliency by eliminating the **OSIV anti-pattern**, improving **Kafka consumer throughput by 20x** via multi-threaded concurrent processing, and building asynchronous retry-based order processing.
  - Designed and implemented **low-level designs (LLDs)** with modular, scalable, and microservices-based architectures (Hexagonal architecture, service-to-service APIs, dynamic data segregation), ensuring long-term maintainability, compliance, and fault tolerance.
  - Strengthened **observability and monitoring** with proactive API/business-level alerting, achieving **100% reduction in recurring support queries**; drove operational excellence through fraud/compliance checks, idempotency validations, CI/CD runbook automation, and incident response improvements.
  - **Tools & Technologies:** Java, Spring Boot, Node.js, React.js, Typescript, MongoDB, AWS (SQS, SNS, S3), Kafka, Postgres, Redis, GitHub, REST APIs, Microservices, CI/CD, Cloud-native systems

- **Frshr Technologies**   Bangalore, India
  Software Engineering Intern   *12/2020 – 01/2022*
  - Designed and developed a crypto token transaction platform with a marketplace for Non-Fungible Tokens (NFTs), enabling secure and seamless HBAR coin transactions.
  - **Tools & Technologies:** Node.js, Express, MongoDB, Blockchain APIs

- **Six Hats Fathoms**   Vadodara, India
  Software Engineering Intern   *05/2020 – 09/2020*
  - Built a responsive Content Management and Service Booking System with CRUD functionality, mobile-friendly booking, agent allocation, time-slot management, and booking locks.
  - **Tools & Technologies:** React, React-Bootstrap, HTML, CSS, REST APIs

PROJECTS

- **Ecommerce Website**
  - Developed an e-commerce platform clone using microservices architecture, including payment, authentication and authorization, cart, and product services.
  - **Tools & Technologies:** Node.js, MongoDB, MySQL, AWS S3, React.js, CSS, REST APIs

EDUCATION

- **Indian Institute of Information Technology Jabalpur**   Jabalpur, India
  Bachelor of Technology in Computer Science and Engineering; GPA: 8.5/10   *07/2018 – 04/2022*

ACHIEVEMENTS

- **Slice Lab Hackathon**
  - Secured first place by designing an advanced chatbot to enhance customer support productivity and customer experience.
  - Delivered guided support for CX executives with customer insights and intelligent response recommendations.

- **Think, Code & Innovate Hackathon** Received a special mention for innovative design and implementation of an expense tracker.
- Recognized with **Spotlight** and **Star of Sprint** Awards for consistent high performance.