

CONTACT

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CORE COMPETENCIES

Back-end Development & Architecture

Distributed & Event-Driven Systems

Real-Time Infrastructure

API, Webhook & Third-Party Integration

Payment & Subscription Lifecycle Management

Database Design & Performance Optimization

Multi-Tenant Platform Engineering

Wallet, Ledger & Transaction Processing

Cloud Infrastructure Management (AWS)

Background Job Processing & Asynchronous Workflow

Production Reliability & Performance Engineering

Code Reviews, Mentoring & Technical Ownership

Stakeholder Engagement

EDUCATION

B.Sc. - Computer Science
Mumbai University | First Rank

CERTIFICATIONS

Algorithm Essentials

HackerRank - Problem Solving (Basic)

OutSkill Generative AI Mastermind.

TECHNICAL SKILLS

TypeScript, JavaScript

Node.js, NestJS, MySQL, MongoDB, PostgreSQL, TypeORM

Socket.IO, WebSockets, Redis, Redis Pub/Sub, BullMQ, APIs, Webhooks, ONDC-compliant APIs

AWS, EC2, ALB, Route53, Lambda, SES, S3, Docker, Git

Razorpay, Cashfree, Shopify, Onfido, Firebase, Claude, GitHub Copilot, ChatGPT

MOHD. HUSSAIN ANSARI

Back-end Engineer with over 4 years of experience in back-end development and architecture using Node.js, NestJS, TypeScript, JavaScript, databases, Redis, and AWS, with experience spanning real-time systems, payments, subscriptions, APIs, webhooks, and production applications.

PROFILE SUMMARY

- Experienced in designing **real-time WebSocket infrastructure** using **Socket.IO** and **Redis Pub/Sub** across **multiple servers**, supporting **3,000+ concurrent connections** for **scalable messaging and notifications**.
- Strong experience in **payment and transaction processing**, supporting payment-gateway workflow handling approx. **462K+ USD in monthly transaction value** across approximately **7,700 transactions** serving around **30K+ users**, alongside **subscription lifecycle, idempotency, retry, wallet, and ledger functionality**.
- Displayed **technical ownership and performance engineering** through migration of **800+ sellers with zero data loss**, schema and indexing optimization across **2.7 million records**, and achievement of **25% improvement in query latency**, complemented by **production, architecture, and release ownership across Brownliving and PlayAce**.
- Experienced in leading a **10-member cross-functional team** comprising **back-end and testing resources, requirement gathering, feature discussions, product demonstrations, and stakeholder interactions** with **founders and international clients** across **London, Dubai and Canada**; additionally applying **Claude, GitHub Copilot and ChatGPT for development, code reviews, and test-case support**.

WORK EXPERIENCE

Dec'25 – Till Date | INK IN CAPS | Software Development Engineer 2

- Designing real-time WebSocket infrastructure using Socket.IO and Redis Pub/Sub across multiple servers for scalable live messaging and notifications.
- Managing the end-to-end subscription lifecycle covering activation, renewal, expiry, invoicing, retries, and failure recovery, with idempotency mechanisms to prevent duplicate payment charges.
- Building wallet and ledger functionality for credit, debit, and balance tracking with atomic and consistent transactions.
- Managing Redis-backed BullMQ queues for asynchronous processing of renewals, notifications, and invoicing outside the main request path.
- Developing signature-validated webhooks and push/live notification pipelines using AWS services including EC2, ALB, Route53, Lambda, SES, and S3.
- Redesigned a slow home-feed endpoint by optimizing data loading and transfer, reducing load time by ~75% and data transfer by up to 90% under typical usage.

May'22 – Oct'25 | APPOCTET TECHNOLOGIES PVT. LTD. | Product Developer

- Led back-end development across product engagements while progressing from Mobile App Developer to Product Developer, with ownership of back-end architecture, reusable APIs, third-party integrations, code reviews, mentoring, production systems, and releases.
- Drove back-end reliability by identifying recurring failure scenarios and strengthening error-handling mechanisms across production applications.
- Improved deployment processes through Docker-based automation, enabling deployments following code pushes and successful test-case execution while reducing manual intervention.
- Led the technical migration of 800+ sellers with zero data loss and optimized schema/indexing across approximately 2.7 million records, improving query latency by 25%.
- Recognized as Star Performer – 2024 & 2025 for outstanding performance

PROJECTS

Brownliving -Multi-Tenant Seller Marketplace

- Directed back-end development of a multi-tenant seller marketplace using NestJS and MySQL, covering seller management, order processing, product APIs, subscriptions, analytics, and RBAC, while taking technical, production, and architecture ownership.
- Developed reusable APIs and integrated Razorpay, Cashfree, Shopify, Firebase, and logistics providers to support marketplace functionality and third-party connectivity.
- Strengthened back-end reliability by identifying recurring failure scenarios and enhancing error-handling mechanisms across the platform.
- Managed release ownership, supporting application releases and production delivery.

PlayAce — Events & Booking Back-end

- Engineered back-end architecture for an events and booking platform, supporting scalability and performance requirements while contributing to production and architecture ownership.
- Integrated payment processors, AWS S3, and Onfido KYC to support payment, media-storage, security, and compliance requirements.
- Implemented webhook-driven real-time notifications to enhance user engagement and reduce administrative workload.
- Managed release ownership for PlayAce, coordinating application release activities and supporting production delivery.