

Mohd Rehan

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EDUCATION

B.Tech (Artificial Intelligence), A.M.U Grade: 8.65/10	12/2021 – 06/2025
Senior Secondary School (P.C.M), A.M.U Grade: 91%	2021

SKILLS

TypeScript, JavaScript, Python, Java, Angular, Node.js, Express, FastAPI, REST, WebSockets, TensorFlow, LangChain, Pydantic, MongoDB, PostgreSQL, Redis, Pinecone, AWS (EC2, S3, SQS, Lambda), Docker, Git.

EXPERIENCE

Telecrm Software Engineer	06/2025 – Present
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- Built an AI agent using Whatsapp Cloud API and OpenAI SDK with RAG + CRM context. reducing standard per-message cost 87% (₹4→₹0.50), validated using curated evals.
- Engineered the core payment processing pipeline handling ₹10M+/month with idempotent webhooks (event-ID dedup), deterministic state machines, and ACID transactions guaranteeing exactly-once processing and preventing partial-state failures.
- Owned the licensing platform, unifying scattered billing dates, invoicing, credits, across 5,000+ enterprise accounts—developing a centralized system.
- Developed integrations for supporting Razorpay and WooCommerce events into CRM lead timelines via webhooks based system.
- Shipped 10+ features across the platform spanning leaderboards, permissions & configurations, user management, bulk jobs for large-scale users and lead operations across web & mobile.

Telecrm Software Engineering Intern	01/2025 – 06/2025
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- Built an AI call-analysis pipeline using OpenAI and AWS, to automate conversation summarization.
- Re-engineered 5+ Angular modules using PrimeNG component library, standardizing reusable UI components and ensuring UX consistency across the platform.
- Built in-app renewal reminders, increasing on-time renewals by 30%.

Stealth Startup Software Engineering Intern	06/2024 – 12/2024
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- Engineered a health-tech product using React and FastAPI, developing personalized recommendation flows with structured AI outputs validated through Pydantic.
- Built an asynchronous meal-plan generation and delivery workflow using AWS Lambda, SQS, and WhatsApp Cloud API, supporting the product's initial 500 beta user pool.

PROJECTS

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- **Chat Platform:** Built a real-time chat platform with a core matching engine, Redis Pub/Sub messaging, and WebRTC voice/video calling using Cloudflare TURN.
 - **Trading System:** Developed an automated options-trading system in Python with Kite Connect; backtested strategies on 4,300+ historical data points, tracking win rate and drawdown.