Sharma Ketan Umesh

Senior Backend Developer · Full-Stack Engineer

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4+ yrs	4	3	200+	13+	Mumbai
IN MARKET	POSITIONS	SECTORS	CARRIER APIS	INSURERS	BASED

PROFILE

Backend engineer with **4+ years** building regulated financial and insurance products in Mumbai. Led the team behind an insurance Point of Sale platform and integrated **200+ carrier APIs** across 13+ providers; now building market-data and backtesting infrastructure for an AI quant trading terminal. Strongest in **TypeScript and Node.js services, real-time data pipelines, API integration and database design**.

EXPERIENCE

WIZZER **Senior Backend Developer** · Wizzer AdvisorTech Pvt. Ltd. — Jan 2026 - Present

Mumbai, India · WealthTech — AI quant & algo trading terminal for registered investment advisors

- Build the **market-data path** for an AI quant and algo trading terminal — real-time ingestion and WebSocket streaming into a ClickHouse time-series store backing analytics and charting.
- Work on the **backtesting and strategy engine**, running advisor and quant-desk strategies against historical market data on an NSE/BSE-approved platform.
- Build backend services in TypeScript and Python across the data path, with MongoDB for persistence and Redis for caching and hot-path reads.

Stack: TypeScript · Node.js · Python · MongoDB · Redis · ClickHouse · WebSocket

INSEFF **Full Stack Lead Developer** · Insure Efficient — Nov 2023 - Dec 2025

Mumbai, India · Insurance technology

- Led the team that designed and shipped a scalable **Point of Sale portal** for Efficient Insurance Brokers, streamlining agent workflows and lifting user engagement **20%**.
- Integrated **200+ APIs across 13+ insurance carriers** into a single quote-and-issue flow, standardising inconsistent partner contracts behind one internal interface.
- Owned security and data integrity for backend systems, hardening services against common vulnerabilities and protecting policyholder data.
- Partnered with the Risk team on a suite of interconnected web applications, and with DevOps to keep backend services deploying cleanly on AWS EC2.
- Received an internal award for performance and contribution on the new POS portal.

Stack: Node.js · React · Redux · Express · TailwindCSS · MySQL · AWS EC2 · REST APIs

SAPIO **Full Stack Developer** · Sapio Analytics — Sep 2022 - Oct 2023

Mumbai, India · Data & governance analytics

- Built full-stack features across client analytics products, refactoring existing codebases for performance, scalability and maintainability.
- Integrated third-party APIs and external data sources, unifying fragmented feeds into consistent application data.
- Led a small development team and mentored junior developers — scoping, delegation, code review and release quality.

Stack: React · Node.js · Express · REST APIs · MySQL · MongoDB

USHYAKU **.NET Developer Intern** · Ushyaku Software Solution — Jul 2021 - Oct 2021

Remote

- Rebuilt legacy ASP.NET interfaces, developed MS SQL tables, stored procedures and functions, and produced SSRS reporting with query tracing in SQL Profiler.

TECHNICAL SKILLS

LANGUAGES	TypeScript, JavaScript (ES6+), Python, SQL, C#
BACKEND	Node.js, Express, NestJS, Elysia.js, REST API design, WebSocket, JWT authentication
FRONTEND	React, Next.js, Redux Toolkit, TailwindCSS, Recharts
DATABASES	MongoDB, PostgreSQL, MySQL, Redis, ClickHouse, MS SQL Server
CLOUD & TOOLS	AWS (EC2, Amplify), Firebase, Git & GitHub, Postman, Jest, SendGrid
PRACTICE	Agile SDLC, code review, technical mentoring, stakeholder management

SELECTED PROJECTS

Wizzer Trading Terminal · wizzer.in

NSE/BSE-approved AI quant and algo trading terminal for registered advisors — market data, backtesting and live execution. Backend contributor.

TypeScript · Python · ClickHouse · WebSocket

Insure Efficient Aggregator · insureefficient.com

Insurance aggregator and broker POS portal — compare, quote and issue across 13+ carriers in one flow. Led the engineering team. Node.js · React · MySQL · AWS EC2

TECHNICAL WRITING

Visualising Algo Trade Performance — Feb 2026

Equity curve and trade distribution charts in React and Recharts.

Uniform Responses in Elysia.js — Jul 2024

Middleware for consistent success and error contracts across an API.

Email Service in NestJS — Jun 2024

Transactional email with MJML, Handlebars and SendGrid.

EDUCATION

BBA, Computer Application — 2018 - 2021

Christ College, Pune University · 7.38 CGPA

CERTIFICATIONS

MongoDB University — MongoDB Basics · Crafting Conference Abstract

DataCamp — Intermediate SQL · Joining Data in SQL