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PROFILE SUMMARY

Full Stack Engineer specializing in architecting production-grade SaaS platforms and microservices. Expert in **Angular** and **React** ecosystems, backed by robust **NestJS** and **Node.js** systems. Proven ability to reverse-engineer enterprise Open Source ERPs, design secure multi-tenant architectures (RLS/RBAC), and integrate Generative AI agents.

CORE SKILLS

- **Frontend Architecture:** Angular (v17+, Signals, RxJS), React (Zustand), Vue 3, Tailwind CSS
- **Backend & Systems:** NestJS (Microservices), Node.js, Express, gRPC, Apache Kafka, WebSockets
- **Database & Security:** PostgreSQL (RLS), MongoDB, Redis, Supabase Auth, RBAC
- **DevOps & Cloud:** AWS (EC2, Nginx), Docker, CI/CD (GitHub Actions), Git
- **Emerging Tech:** AI Integration (Gemini LLM, ElevenLabs), Prompt Engineering, Real-time Audio

KEY ENGINEERING PROJECTS & OPEN SOURCE

Tagtics – UI/UX Feedback SaaS

Oct 2025 – Present

Stack: *React, Supabase (Edge Functions), PostgreSQL*

[Source Code](#) · [Live Deployment](#)

- Engineered a **framework-agnostic**, plug-and-play UI tagging tool for real-time feedback without code alterations.
- Architected a global **serverless backend** using **Supabase Edge Functions** (Deno) for low-latency API logic.
- Enforced strict multi-tenant data isolation via **PostgreSQL Row-Level Security (RLS)** at the database layer.

Ever-Gauzy – Open Source ERP

Nov 2025 – Present

Stack: *NestJS, Angular, TypeScript, Nx Monorepo*

[Upstream Repository](#)

- Contributed to a 100k+ LoC ERP, navigating a complex **NestJS** and **Angular** codebase to improve Auth UI.
- Gained practical exposure to enterprise patterns like CQRS, Event Sourcing, and Hexagonal Architecture.

Easy-Cabs – Ride-Hailing Microservices Platform

Aug 2024 – Oct 2024

Stack: *NestJS, Redis, Kafka, PostgreSQL*

[Source Code](#) · [Architecture Diagram](#)

- Designed a scalable **Distributed System** using an **API Gateway** to orchestrate traffic between isolated services.
- Implemented **Polyglot Persistence** using **PostgreSQL** for transactions and **MongoDB** for high-volume logs.
- Engineered real-time driver tracking with **Socket.io** and **Redis** for low-latency geospatial updates.

Career Comeback Coach – AI Agent

Jan 2025

Stack: *Angular, Gemini LLM, ElevenLabs*

[Source Code](#) · [Live Deployment](#)

- Built a voice-interactive agent orchestrating **Gemini LLM** and **ElevenLabs** via WebSockets for sub-500ms latency.
- Engineered a sliding-window prompt strategy to maintain conversation history within context limits.

Fashion Studio – E-Commerce Backend

Dec 2023 – Mar 2024

Stack: *Node.js, Express, MongoDB, AWS EC2*

[Source Code](#)

- Deployed a production Node.js backend to a self-managed **AWS EC2** instance, configuring Nginx as a proxy.
- Integrated Razorpay payment gateway with webhook verification for secure transaction handling.

EDUCATION

Bachelor of Science in Computer Science

2020 – 2023

University of Kerala, India

Advanced Full Stack Engineering (Independent)

2023 – Present

Remote Engineering Sabbatical

- Specialization: System Design, Microservices, and Cloud Deployment (AWS).
- Focused on building and deploying the production-grade projects listed above.