SHUBHAM GHUGE

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OBJECTIVE

Senior Software Engineer with 5+ years of experience building **scalable, high-availability backend systems**, currently driving **healthcare platform engineering** on Azure. Strong record of **end-to-end product ownership**, **backend architecture and API design**, **agile delivery**, and **mentoring engineers** to ship with speed and reliability.

SKILLS

Languages	TypeScript, JavaScript, C#, Python, PHP, HTML, CSS
Frameworks	NestJS, NodeJS, ASP.NET Core, ExpressJS, GraphQL, REST, ReactJS, NextJS, Redux, Jes
Databases & ORMs	PostgreSQL, SQL Server, MongoDB, Firebase, Prisma, TypeORM, Elasticsearch, Redis
Cloud & DevOps	Azure (App Services, AKS, Blob Storage, Log Analytics, Health Data Services/FHIR), GCP (Cloud Functions, App Engine, Pub/Sub), AWS (S3, SQS, Lambda), Kafka, Docker
Identity & Security	Keycloak, OAuth2/OIDC, Microsoft Entra External ID, RBAC, secure API design
AI Tooling	Claude (API & Claude Code), OpenAI, VertexAI, AI-assisted engineering workflows
Problem-Solving	Data Structures & Algorithms, System Design, Design Patterns

EXPERIENCE

Senior Software Engineer Jan 2026 – Present
Vituity (Moov Health & Wellness)

- Own backend and full-stack development for **moov.health**, a consumer healthcare booking and wellness platform built on **NestJS, ASP.NET Core 8, React, SQL Server, and Azure**, contributing across architecture, delivery, and engineering standards.
- Drove the **multi-location platform expansion**, re-architecting location-aware booking, services, and content so the platform scales beyond a single clinic to new markets without code changes.
- Designed production-grade **identity management with Keycloak** — realm/tenant strategy, high-availability deployment, and token lifecycle auditing into **Azure Log Analytics**; authored a build-vs-buy evaluation against **Microsoft Entra External ID**.
- Authored and led a **Technical Debt Reduction & Engineering Standards** epic: React Query/Zustand state migration, backend service-layer separation, unit test coverage, structured logging/observability, and AI coding standards (CLAUDE.md), improving code quality and reducing regressions by **25%**.
- Proposed a long-term **Azure-native scalability architecture** covering **AKS, Azure Health Data Services (FHIR)**, and **HIPAA-aligned** data handling; scoped an adversarial security audit of the platform.
- Implemented end-to-end **marketing analytics instrumentation** (GTM, GA4, Google Ads, Meta Pixel, StackAdapt) on the booking funnel, enabling conversion tracking and campaign attribution for growth teams.
- Established **trunk-based development and feature flag strategy** (including securing client-side flag exposure) and conducted code reviews to enforce best practices across the team.

Senior Software Engineer 2 Oct 2021 – Dec 2025
GeekyAnts (Client: WeWork India, SaamBus), Bengaluru, India

- Led a team of 5 to build a fuel tracking system (React, React Native, NestJS) for **2,000+** vehicles across **150+** organizations, reducing fuel theft by **35%** and improving API response times by **25%**. Tracked **10–12 lakh** of diesel daily; delivered MVP in **2 months**, replacing manual workflows with transparent **real-time operations**.
- Architected the foundational order management system integrating multiple payment gateways, increasing order throughput by 20% and reducing transaction failures by 15% through optimized API response handling.

- Built a catalog service with **NestJS, PostgreSQL, Elasticsearch, Kafka** and **distributed caching**, reducing API response time from **1000 ms to 200 ms** and improving search latency by 40% during peak loads, ensuring **high availability** and **fault tolerance** in production.
- Automated inventory management with real-time API synchronization across Shopify, Firebase, and internal systems, eliminating manual errors and improving inventory accuracy by 50%.
- Led refactoring of the invoicing service and integrated a new provider (Cygnet), enabling cross-referencing with historical invoices; reduced **support tickets by 30%** and cut turnaround **from hours to minutes**.
- Authored comprehensive HLD/LLD documentation and mentored 10+ engineers on backend architecture and NestJS best practices, reducing onboarding time by 30% and decreasing critical bugs by 25%.
- Managed hybrid backend (Shopify, GraphQL, Firebase, Node.js) with 15+ microservices; redesigned product from single to multi-SKU, increasing inventory flexibility and driving a 15% sales uplift.

EDUCATION

Bachelor of Computer Engineering, Rajiv Gandhi Institute of Technology, Mumbai *Aug 2018 – Jul 2021*
CGPA: 9.05 / 10
Diploma in Computer Engineering, Government Polytechnic, Mumbai *Aug 2015 – Jul 2018*
Aggregate Percentage: 82.87%

MENTORSHIP

- **neoG Camp – Mentor Alumni (Jan 2022 – May 2022)**: Mentored **50+** students in frontend development using React.