

GUNESH SHRINIVAS KULKARNI

Software Engineer · Full Stack Developer · ~2 years

Pune, India · +91 91685 55476 · kulkarni.gunesh.shrinivas@gmail.com · linkedin.com/in/gunesh-kulkarni-3904a1206 · github.com/kulkarniguneshshrinivas · guneshk-portfolio.vercel.app

SUMMARY

Full-stack engineer with ~2 years building production web applications across Angular, NestJS, React, Node.js, FastAPI, and Python. Shipped an enterprise LIMS, a self-built forensic-lab compliance-BI platform (Apache Superset, 21 CFR Part 11), and a sole-developer consumer web product with payments and real-time messaging. Sub-100ms queue latency on TemQ under load testing.

SKILLS

Languages	JavaScript, TypeScript, Python, SQL, C#
Frontend	React, Next.js, Angular, Tailwind, shadcn/ui, HTML/CSS, Responsive UI
Backend	Node.js, NestJS, Express, FastAPI, .NET Core 8, REST APIs, WebSockets, Socket.IO
Databases	MSSQL, PostgreSQL, Redis · Sequelize, Prisma, TypeORM, SQLAlchemy + Alembic
Infra & AI	Docker, Kubernetes (basics), Nginx, PM2, Linux, Azure DevOps · OpenAI API, RAG, NL→SQL, Prompt Engineering

PROJECTS

Enterprise LIMS — Laboratory Information Management System · Sveltoz, 2025–Present

Stack: Angular, NestJS, MSSQL, Azure DevOps

ERP-scale LIMS delivering end-to-end lab workflows (sample intake, testing, results) and a dedicated client portal, built as an Angular + NestJS monorepo on MSSQL with an Azure DevOps CI/CD pipeline. Contribute backend service design and portal RBAC modules across multiple stacks; mentor newer engineers on the multi-stack backend.

AuditLens — Compliance & Audit-Readiness Platform · Personal POC, 2026–Present

Stack: Apache Superset, Docker, Python, PostgreSQL, MSSQL, Redis

Self-hosted platform implementing the security and audit controls regulated organizations need to pass certification and accreditation — HIPAA, SOC 2, PHI handling, 21 CFR Part 11 — fully on-premises, no data leaving the environment. Per-tenant Row-Level Security enforces data isolation (verified across 2,240 events); full RBAC; a tamper-evident audit trail proves records weren't altered after sign-off. First deployed for a forensic lab.

EXPERIENCE

Sveltoz Solutions — Software Engineer

Mar 2025 – Present · Pune, India

- **Consumer web product (sole developer, .NET Core 8):** Credits-based payment gateway, real-time messaging, and a multi-role admin panel (admin / ads manager / application manager) with granular RBAC.
- **TemQ (Node.js + MSSQL):** Sub-100ms queue-operation latency under load; MTCNN biometric face auth (FastAPI), Socket.IO live updates, Twilio OTP, JWT.
- **Enterprise LIMS (Angular + NestJS + MSSQL):** Backend service design, portal RBAC modules, Azure DevOps CI/CD — ERP-scale workflows across sample intake, testing, and results.
- **TaskFlow MCP Server:** NL task interface over internal PM platform via Model Context Protocol; in daily use by the engineering team.

Rising Star Award for project ownership and delivery. Mentor newer engineers on backend modules across multiple stacks.

Acropolis Systems — Software Engineer Intern

Jan 2025 – Mar 2025 · Pune, India

- Built a Warehouse Management System and a Barcode Printing utility in .NET WebForms for internal operations and a client deployment.
- Contributed to client-facing Angular modules within an existing codebase.

EDUCATION

MCA — Computer Application	MCOE, Savitribai Phule Pune University	Jun 2025 · CGPA 7.91
BSc — Computer Science	PVGCOS, Pune University	Jun 2023 · CGPA 8.7