

# TANMANY P

Software Engineer

## Skills

**Languages:** JavaScript, TypeScript, Python, Go

**Frameworks:** NestJs, Express, Node.js, React, React Native, Next.js, GraphQL, Django, GoFiber

**Databases:** MongoDB, PostgreSQL, Redis

**Tools:** Docker, Azure, AWS, ElasticSearch

## Experience

### Company 1 | Software Engineer

2024 – Present

- **Led ABHA Integrations:** Spearheaded FHIR-compliant ABHA flows, reducing error rates from 11% to 1%, and streamlined government-mandated journeys.
- **Fixed Asynchronous Workflows:** Reduced error rates from 40% to 0.1%, ensuring seamless execution and doubling profits.
- **Database Optimization:** Migrated and optimized database schemas, reducing response times from 600ms to 20ms.
- **Designed SecureRx:** Built a custom encryption service for secure client-server data exchange.
- **Enhanced Patient Search:** Optimized resource-constrained search workflows, reducing query calls from 4 to 1, and improving benchmark times from 400ms to 150ms.
- **Tech Stack:** NestJS, TypeScript, Redis, Next.js, MongoDB, Kafka, Microservices, ELK.

### Company 2 | Software Engineer

Jun 2023 – Jun 2024

- **Improved Search Performance:** Enhanced user search journeys, increasing CTR by 6% through user-centric improvements.
- **Reduced Zero Search Results (ZSR):** Revamped search flow, decreasing ZSR by 25% and delivering more accurate results.
- **Redesigned Signup Flows:** Overhauled HPR and HFR signup journeys, reducing drop-offs by 32%, driving business growth.
- **Database and API Optimization:** Analyzed queries and schemas, reducing database load by 10% and API latency by 13%.
- **Tech Stack:** NestJS, TypeScript, Express, ElasticSearch, MySQL, Python.

### Company 3 | Full Stack Developer

June 2022 – Jun 2023

- **End-to-End Development:** Built frontend, backend, and managed cloud infrastructure for full product delivery.
- **Profit Growth:** Delivered features rapidly, contributing to a 19% increase in overall company profits.
- **Performance Optimization:** Implemented DB tuning and caching, reducing page load times by 20%.
- **Autogenie Project Lead:** Led frontend/backend dev and completed project deployment in 3 months.
- **Tech Stack:** NestJS, TypeScript, Apollo GraphQL, Next.js, PostgreSQL, TypeORM, React.js, JavaScript, AWS.

## Project

### Project 1 | React Native, Expo, Firebase, MongoDB

- **25,000+ Active Users:** Built and maintained a cross-platform app with rapid user growth.
- **Lead Developer:** Launched the app in 2 months, led feature additions and maintenance.

### Project 2 | GoLang, GoFiber, GORM, Docker

- **RBAC System:** Implemented a lightweight IAM-inspired permission system.
- **Scalability & Multi-Tenancy:** Built a multi-tenant server with security best practices.