

VIVEK GAWANDE

Senior Software Engineer · .NET Full-Stack

Navi Mumbai, India | +91-7039715240 | vivekgawande@gmail.com

vivekgawande.in | [linkedin.com/in/vivekgawande](https://www.linkedin.com/in/vivekgawande) | github.com/Vivek-abstract

SUMMARY

Senior Software Engineer with 7 years of experience building enterprise applications in the healthcare and financial services domains. Independently owns features end-to-end — from architectural decisions and API design through delivery and UAT — and guides teams on code structure, scalability, and engineering standards. Delivered automation projected to save **\$5.8M annually** for a Fortune 5 healthcare client. Uses AI-assisted development (GitHub Copilot, agentic workflows) daily to accelerate delivery.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, SQL (T-SQL, Oracle PL/SQL), Python

Backend: .NET Core / .NET Framework, ASP.NET Web API, Entity Framework Core, WCF, gRPC, Windows Services, REST, Microservices, NUnit

Frontend: Vue 2, Angular, HTML5, CSS3; familiar with React

Databases: SQL Server, Oracle, Firebase (NoSQL)

AI-Assisted Development: GitHub Copilot (including agentic workflows and AI-assisted PR reviews), prompt-driven development with frontier LLMs for design, implementation, and code review

Tools & DevOps: Git, GitHub, Jenkins (CI/CD), SonarQube, JFrog Artifactory, Jira, Visual Studio, VS Code

WORK EXPERIENCE

Senior Software Engineer — Wipro

Aug 2023 – Present

Client: UnitedHealth Group (Optum) · Navi Mumbai

- Independently design and deliver features for the **Appeals & Grievance Tracking System (ATS)**, a full-stack enterprise application serving healthcare case coordinators — built on C# .NET Core APIs, Entity Framework Core, SQL Server, and Vue 2.
- Built background automation for the Triage Task workflow, aggregating member, claims, and document data from multiple third-party integrations per case — eliminating manual lookups and saving coordinators **30 minutes per case across ~1,000 daily cases**, projected at **\$5.8M in annual operational savings**.
- Implemented **dual JWT + MSID authentication** to secure APIs across internal and client identity systems.
- Help drive architectural decisions for new modules — database design, API scaling strategy, code structure, and naming conventions — and guide the team in implementing features against them.
- Develop and maintain RESTful APIs and background services that streamline case-processing workflows; resolved complex EF Core issues around entity relationships, DbContext lifetime management, and async data-import pipelines.
- Use **GitHub Copilot** and AI-assisted workflows across planning, implementation, and PR reviews, significantly speeding up feature delivery and integration-heavy tasks.

Software Developer — Tata Consultancy Services

Jul 2019 – May 2023

Client: Ontario Teachers' Pension Plan (OTPP) · Mumbai

- Developed and maintained a **Portfolio & Benchmark management website** — delivered new features while owning production stability, resolving high-priority (P2) production issues; automated manual operations using C# Windows services, delivering **\$8,000/year in cost savings**.
- Built a **carbon-footprint reporting application** for investment portfolios, integrating data from multiple third-party vendor databases into a single Angular web app generating emission reports.
- Implemented features across C# .NET microservices and REST APIs integrating with Oracle databases.
- Built CI pipelines for multiple .NET/Angular applications using **Jenkins**; helped achieve **80% code coverage** across applications using SonarQube and NUnit.

Android Developer Intern — Fube Technology

Dec 2018 – Mar 2019

- Built and shipped a battery-warranty registration app for **Amaron Malaysia** (Ionic, Angular, TypeScript, Firebase) to the Google Play Store — used by **5,000+ users**.

EDUCATION

B.E. Computer Engineering — 9.43 CGPI

2015 – 2019

Shah & Anchor Kutchhi Engineering College, Mumbai

CERTIFICATIONS & ACHIEVEMENTS

- Microsoft Certified:** Programming in C# (Exam 70-483).
- All India Rank 1** — Programming, Data Structures and Algorithms in Python, IIT Madras (NPTEL).
- 2nd runner-up among 56 teams at Smart India Hackathon** — built an Android app for cybercrime reporting and victim counseling (Ionic, Angular, Firebase).