

YERRABANDI NANDAKISHORE REDDY

Software Engineer | ASP.NET Core • Full-Stack • Cloud (Azure) • AI-Integrated Systems

Kadapa, AP, India • +91 6385647597 • nandakishore35731@gmail.com • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

SUMMARY

Software Engineer with experience building production-ready ASP.NET Core, AI-powered full-stack, and cloud-native applications. Skilled in C#, Java, React, Node.js, SQL Server, PostgreSQL, Docker, Azure, and CI/CD. Delivered enterprise software at Cognizant with 100% service-layer test coverage.

EXPERIENCE

Software Engineering Intern — Cognizant

Feb 2026 – May 2026

Chennai, India | ASP.NET Core • EF Core • SQL Server • NUnit/Moq • Docker • Azure • GitHub Actions

- Architected a normalized 5-table SQL Server schema for a Farm Management system using **ASP.NET Core MVC**, EF Core, and RBAC.
- Designed **RESTful APIs** following **SOLID principles**, enabling secure role-based authentication across 3 production modules.
- Eliminated manual release steps by automating Azure deployment through a **GitHub Actions CI/CD pipeline**.
- Built **RetailIQ**, an AI-powered analytics dashboard surfacing inventory forecasts and sales trends from SQL Server data.
- Achieved **100% service-layer test coverage** with NUnit/Moq, eliminating untested CRUD paths before production handoff.

PROJECTS

PrepIQ | AI Interview Platform

Personal Project

Next.js • Prisma/PostgreSQL • Gemini AI • Azure • Vercel | [GitHub](#)

- Built a full-stack AI interview-prep SaaS on **Next.js 14** with Clerk auth and **Prisma/PostgreSQL**, evaluating answers via Gemini AI in real time.
- Designed a modular **REST API** decoupling frontend and backend, deployed across **Azure App Service** and **Vercel**.
- Automated releases end-to-end with a **CI/CD pipeline** (build → test → deploy) via GitHub Actions.

ORCare | AI Healthcare Platform

Capstone Project

Kotlin/Jetpack Compose • React • Node.js/Express • Supabase • Gemini AI | [Live Demo](#) | [GitHub](#)

- Architected a cross-platform health platform: native Android + React web client sharing one secure **REST API** backend.
- Integrated **Gemini AI** for contextual health guidance; secured endpoints with **JWT authentication and RBAC**.
- Migrated the data layer from MongoDB to **Supabase (PostgreSQL)**, improving query performance and simplifying ops.

Farm Management System | ASP.NET Core

ASP.NET Core MVC • EF Core • SQL Server | [GitHub](#)

- Engineered 3 modules (crop tracking, inventory, field monitoring) on a normalized 5-table schema using **three-tier MVC architecture**.
- Shipped via **89+ commits across feature branches**, with pull requests and peer code review at every merge.

EDUCATION

B.E. Computer Science & Engineering — Saveetha University (SIMATS)

CGPA: 8.83/10

TECHNICAL SKILLS

Programming Languages: C#, Java, Python, JavaScript, TypeScript, Kotlin, SQL

Backend: ASP.NET Core MVC, EF Core, Node.js, Express.js, REST APIs, JWT, RBAC

Frontend: React, Next.js, Tailwind CSS, HTML5/CSS3

Databases: SQL Server, PostgreSQL, MongoDB, Supabase, Prisma ORM

Cloud: Azure App Service, Azure Container Registry

DevOps: Docker, GitHub Actions, CI/CD, Git

Testing: NUnit, Moq, Unit & Integration Testing

AI: Gemini AI, LangChain, RAG

Developer Tools: Visual Studio, VS Code, Postman, Azure CLI

CS Fundamentals: DSA, OOP, DBMS, Computer Networks, System Design

Architecture & Practices: SOLID, Design Patterns, Dependency Injection, Agile, Scrum

Operating Systems: Linux (Ubuntu), Windows

CERTIFICATIONS

Oracle AI Vector Search Certified Professional • HackerRank SQL (Advanced) • HackerRank C# (Basic) • Cisco Ethical Hacking Essentials • Google Cybersecurity Professional Certificate • Google IT Automation with Python