

# DIPANKAR ADHIKARY

Full-Stack Developer • .NET Core & Angular Specialist • Tech Consultant at PwC India • [E-Mail](#) • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

## PROFESSIONAL SUMMARY

High-impact Full-Stack Developer with 2.5+ years at (PwC) India, engineering scalable enterprise platforms using **Angular, .NET Core, C#, TypeScript, SQL Server, and Azure DevOps**. Architected and shipped **15+ live applications** — from AI-powered microservices to multi-institution EdTech systems serving **50+ institutions**. Proven track record of boosting system throughput by **~40%**, cutting release cycles by **~35%**, and maintaining **98% on-time delivery**. B.Tech from NIT Tiruchirappalli (Minor: Computer Applications).

## TECHNICAL SKILLS

**Front-End:** Angular (v14+), TypeScript, JavaScript (ES6+), HTML5, CSS3, Bootstrap, Tailwind CSS

**Back-End:** .NET Core, C#, ASP.NET MVC, Web API (REST), Node.js, Microservices Architecture

**Databases:** SQL Server 2019, MongoDB, MySQL, PostgreSQL, Redis

**DevOps/Cloud:** Azure DevOps, CI/CD Pipelines, Git, GitHub Actions, Firebase, Linux

**Tools:** Visual Studio, VS Code, SSMS, Postman, Figma | **Methods:** Agile/Scrum, Waterfall

## PROFESSIONAL EXPERIENCE

### Associate (Tech Consultant) — (PwC), Kolkata

Jul 2023 – Present

Full-Stack .NET & Angular Development | Azure DevOps | SQL Server

### ACT (ASIA Charitable Trust) — Multi-Institution EdTech Platform

Jul 2023 – Present

- Spearheaded full-stack development of **6+ enterprise modules** (Academics, Reports, Payments, Library, Config, Transport) using .NET Core, Angular 14+, and SQL Server, powering **50+ educational institutions** simultaneously.
- Engineered an **offline payment gateway** with multi-layer secure validations and real-time transaction tracking, processing **10,000+ transactions/month** with **99.5% accuracy**.
- Orchestrated end-to-end **CI/CD pipelines** on Azure DevOps across staging & production, slashing release cycle time by **~35%** and eliminating manual deployment errors.
- Architected **20+ reusable, responsive UI components**, eliminating redundant code and accelerating front-end delivery by **~30%** platform-wide.
- Optimized **complex SQL queries and stored procedures**, supercharging data retrieval speed by **~40%** under concurrent multi-institution load.
- Drove client collaboration across **100+ sprint meetings**, translating ambiguous requirements into precise solutions with **98% on-time delivery**.

### Transport Management System — Finance & Academics Integration

Jan 2024 – Present

- Designed and built a **full-scale Transport Management module** for multi-campus colleges — route configuration, vehicle allocation, student-route mapping, and driver management end-to-end.
- Integrated Transport billing with the **Finance Module**, automating fee calculation, instalment tracking, and reconciliation with Academic Fees — reducing manual accounting effort by **~60%**.
- Implemented role-based dashboards with **real-time route analytics** and occupancy tracking, enabling administrators to optimize fleet utilization across **50+ campuses**.

## KEY PROJECTS & LIVE DEPLOYMENTS

### EdTech — RBI Grade-B Resources

2024 – Present

- Launched a comprehensive **RBI Grade-B exam prep platform**; curated study materials, practice modules, and structured learning paths for **active learners**. (Angular, HTML5, CSS3, JS)

### E-Commerce — Furniture, Business & Personal Brand

2023 – Present

- Delivered **3 production-grade e-commerce storefronts** with responsive layouts, product catalogs, cart flows, and SEO — including Fertilizer Shop App and Mittika Herbal module. (HTML5, Tailwind, JS, Vercel)

### AI & Utility Apps — Art Nexus, MCQ AI API & Zen Chat

2024 – Present

- Deployed an **AI Assistance microservice API** on Render, handling **500+ requests/day**; shipped **6+ utility apps** (SIP Calculator, Sudoku, Zen Chat, Business Zone) on GitHub Pages & Vercel. (Python, FastAPI, Angular, OpenAI)

## EDUCATION

B.Tech — Chemical Engineering (Minor: Computer Applications)

2019-2023 | NIT Tiruchirappalli, India

## CERTIFICATIONS & TRAINING

- [Generative AI for Marketing with Microsoft 365 Copilot \(Professional Certificate\)](#).
- [Career Essentials in Generative AI — Microsoft & LinkedIn](#).
- [Microsoft SQL Server 2019 Essential Training](#).
- [Software Architecture: Domain-Driven Design](#).
- [Career Essentials in GitHub Professional Certificate](#).

## EXTRACURRICULAR ACTIVITIES

Actively participated in internal tech learning sessions, upscaling initiatives, and collaborative knowledge-sharing forums while contributing to team-building and innovation-driven activities.

**LANGUAGES** English (Fluent) • Hindi (Fluent) • Bengali (Native)