Navil Shah

TECHNICAL SOLUTIONS ARCHITECT · INDIA (IST)

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I started in 2010 writing desktop software for jewellers, then moved through ASP.NET and iOS development, project management and technical architecture. In 2019 I went independent. Since then I have built ERP, e-commerce and CMS systems for clients, and designed how robots, PLCs and the applications that run them talk to each other.

SINCE 2019

Jan 2019 — now — Independent Technical Solutions Architect · Independent practice

Freelance consulting from January 2019: ERP, single- and multi-vendor e-commerce and CMS builds, with the technology plan, budget and timeline for each client. Today: ERPNext integrations, AI in production, codebase rescue and architecture advice.

PHP · Laravel · Node.js · React · Vue · MERN · iOS · Android

Dec 2024 — now — Technical Solutions Architect · Keepsake Automation

Designs the robotic and IT integrations behind a robotic cutting solution: a communication gateway between robot, PLC and application, and live machine data in the app and on the web, so the operator works from one screen and further from the hazard.

C#.NET (WPF, MVVM) · Python · ADS · MQTT · OPC UA · EtherCAT · ERPNext

Jul 2021 — Aug 2024 — Product Consultant Architect · Keepsake Automation and Aavitech Solutions

At Keepsake, integrated robotics with .NET and Python over the local network and the internet. At Aavitech, set the technology vision and R&D goals and mentored the team across ASP.NET services, Flutter and native iOS and Android apps.

C#.NET · ASP.NET · PHP · Flutter · iOS · Android

2010 — 2019

Jul 2016 — Jan 2019 — Technical Architect · SearchNative India

Joined as project manager for the mobile team and was promoted to run the whole technical division: estimates and releases for web and mobile apps. Delivered an ad-engine web application for GCC countries; Golden Contributor award, August 2017.

PHP · Node.js · React · iOS · Android · MySQL

Dec 2014 — Jul 2016 — Project Manager · WebOffice Webdevelopment India

Joined as senior iOS developer and was promoted to project manager, coordinating clients with the sales team in Austria. Started the company's Odoo division.

Jul 2014 — Dec 2014 — Senior iOS Developer · Klix Media

Built and extended a point-of-sale product for the Australian market, including third-party payments.

Apr 2012 — Jul 2014 — iOS and ASP.NET Developer · Abbacus Technologies

Joined as a junior ASP.NET developer, was senior within three months, then moved to the iOS division; quick-learner award for the first App Store release.

Oct 2010 — May 2011 — Desktop Application Developer · Goldsoft Technologies

Started on a VB.NET product for jewellers.

EDUCATION

2011 — PGDCA · DOEACC (NIELIT), Delhi

2009 — DCA · DOEACC (NIELIT), Delhi

TOOLS I REACH FOR

Integration & machines
MQTT, OPC UA, ADS & EtherCAT, TCP/IP, REST & JSON web services

Business systems & hosting
ERPNext / Frappe, Odoo, Python, Docker & Traefik, Grafana & Prometheus

Web & mobile
PHP: Laravel, CodeIgniter, Symfony, Node.js & React, Vue, iOS & Android, Flutter

.NET & data
C#.NET: WPF, MVVM, ASP.NET, VB.NET, MySQL & MS SQL, SQLite