

NEHANG SHAH

Senior Full-Stack Engineer | .NET & Azure behind it, Angular in front

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SUMMARY

Senior full-stack engineer with 8+ years of designing and building enterprise B2B web applications end to end. On the backend I work across the .NET ecosystem (Framework through .NET 9) and Azure PaaS; on the front, Angular (v1.4 to v16) is my main tool, alongside React, Next.js and Blazor WebAssembly/Server. Recent work covers insurance and digital-marketplace platforms: event-driven processing on Azure Service Bus, single sign-on with Azure AD B2C, real-time dashboards and AI-assisted test automation. At Veloxcore I lead a sub-team of three and own features from the first client conversation through to production.

SKILLS

Backend & APIs: C#, ASP.NET Core, ASP.NET MVC, Web API, WCF, REST, Node.js, Entity Framework, VB.NET

Frontend: TypeScript, JavaScript (ES6+), Angular (v1.4–v16), RxJS, React, Next.js, Blazor WASM/Server, Web Components, HTML5, CSS3, Tailwind CSS, Bootstrap

Cloud & DevOps: Azure App Services, Azure Functions, Azure Service Bus (Topics & Subscriptions), Azure Key Vault, Cosmos DB, Azure DevOps CI/CD, Docker

Architecture & Data: Event-driven microservices, CQRS, Repository & Unit of Work, SOLID, SQL Server, Elasticsearch, system integration

Identity & Auth: Azure AD / Azure AD B2C SSO, IdentityServer 4, OAuth 2.0, OpenID Connect

Testing & Quality: Playwright (AI-assisted test generation framework), Selenium, Page Object Model, code reviews

Platforms & AI Tools: Umbraco, NopCommerce, ABP Framework, Syncfusion; GitHub Copilot, Microsoft Copilot, Claude Code, MCP, agentic AI

Ways of Working: Agile/Scrum, JIRA, sprint planning, mentoring, client stakeholder communication

EXPERIENCE

Senior Software Engineer — Veloxcore Pvt. Ltd.

Nov 2021 – Present

- Architect and lead end-to-end delivery of enterprise B2B platforms for insurance and digital-marketplace clients using .NET 6–9, Angular 14–16, Blazor and Azure PaaS.
- Moved document processing from synchronous calls to an event-driven design on Azure Service Bus (Topics & Subscriptions), improving throughput by about 40%.
- Built a real-time financial charting dashboard in Angular 14 and packaged its modules as reusable Web Components (Angular Elements) running inside a Blazor WebAssembly app.
- Built an internal AI-driven Playwright test automation framework: a tester describes a scenario in plain language and a 10-phase pipeline performs requirement analysis, project mapping, manual test case generation, POM/fixture discovery and Playwright script generation.
- Implemented Azure AD B2C single sign-on across several applications, and integrated third-party payment and KYC services into a marketplace onboarding flow.
- Led a CMS modernisation from Umbraco 7 to Umbraco 13 with centralised SSO, reducing ongoing maintenance effort.
- Own the Azure DevOps CI/CD pipelines and introduced Docker-based builds so every project deploys the same way; drove wider Azure adoption across projects.
- Wrote Selenium regression suites, and C# console utilities for data migration and batch-processing jobs.
- Lead a sub-team of 3 engineers: sprint planning, code reviews, mentoring and day-to-day communication with client stakeholders.

Career break

May 2021 – Oct 2021

Software Developer — Sufalam Solutions Pvt. Ltd.

Jul 2020 – Apr 2021

- Built Angular single-page applications backed by ASP.NET Core REST APIs for client-facing web products.
- Worked on a Laboratory Information Management System (LIMS) covering sample tracking, test workflows and report generation, including its SQL Server database design and optimisation.

Junior Software Developer — Soham ERP Solutions Pvt. Ltd.

May 2018 – Jun 2020

- Built full-stack ERP modules for HR, inventory and reporting with .NET Framework Web API and AngularJS (v1.4) through Angular 5, including an electronic document system for batch manufacturing records.
- Wrote complex SQL Server queries, multi-table joins, views and stored procedures behind the ERP reporting modules.

KEY PROJECTS

- **Insurance & Agents B2B Platform** — Document-driven platform with hierarchical uploads and multi-level validation workflows; designed parallel processing on Azure Service Bus so document ingestion scales and recovers from failures.
Stack: .NET, Angular, Azure Service Bus, CQRS, Azure PaaS | *Role:* Architecture, backend and frontend development
- **Digital Marketplace & LMS** — Led development of a NopCommerce marketplace with a custom plugin architecture, Azure AD B2C sign-in, and KYC and payment steps built into customer onboarding.
Stack: NopCommerce, .NET, Azure AD B2C, payment & KYC integrations | *Role:* Technical lead, development
- **Social Platform for Crypto Traders** — A social media application for trading and crypto enthusiasts, built with agentic AI tooling and subscription payments.
Stack: ASP.NET 9, React, Agentic AI, Microsoft Copilot, MCP, Stripe, Azure DevOps | *Role:* Project management, code reviews
- **Custom CMS for Fintech Content** — A content management system purpose-built as a fintech firm's internal knowledge base.
Stack: Umbraco CMS 13, AngularJS, SQL Server, Microsoft Azure | *Role:* Project management, development and deployment
- **Authentication & Authorization System** — Centralised identity service securing service-to-service access using the OAuth 2.0 client credentials flow.
Stack: ASP.NET Core, IdentityServer 4, Azure AD B2C, SQL Server, Azure services, Selenium | *Role:* Backend and frontend development, test automation
- **Financial Charts Dashboard** — Real-time charting and trading-tools dashboards for crypto trading, built as reusable Web Components.
Stack: Angular, .NET microservices, Docker, Open Web Components | *Role:* Backend and frontend development
- **Laboratory Information Management System** — ERP software to run medical testing laboratories of any size: sample tracking, test workflows and reporting.
Stack: Angular, .NET Web API, SQL Server 2014 | *Role:* Backend and frontend feature development
- **Pharma Warehousing System** — ERP software for managing large-scale warehousing of medical goods.
Stack: Angular, WCF REST API, SQL Server 2012 | *Role:* Backend and frontend feature development
- **Electronic Document System** — Automates creation of Batch Manufacturing Records (BMR) and Batch Packaging Records (BPR) for medicines.
Stack: AngularJS, WCF REST API, SQL Server 2012 | *Role:* Backend and frontend feature development

EDUCATION

M.Sc. Information Technology — Sardar Patel University	2019
B.Sc. Computer Science — Sardar Patel University	2017

ADDITIONAL INFORMATION

English: professional working proficiency. Case studies and live demos: nehang.is-a.dev