

Paresh Hirapara

Lead Full-Stack Developer | Enterprise Application Engineer | AI Engineer

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SUMMARY

Hands-on full-stack engineer with deep experience building enterprise-grade applications across web, mobile, cloud, and device platforms. Expert in .NET, Blazor, MAUI, Azure, and large-scale integration architectures, with recent focus on production AI/LLM integrations - including a governed, conversational analytics assistant that translates natural-language questions into safe, semantic-layer-backed queries against enterprise data warehouses. Known for modernizing legacy systems, delivering secure and scalable customer-facing solutions, and collaborating closely with business stakeholders. Strong ability to lead development efforts while remaining deeply technical and execution-focused.

CORE TECHNICAL SKILLS

Artificial Intelligence, Agents, and LLM Integrations

Claude (API + Claude Code), ChatGPT / Codex, GitHub Copilot (standalone & VS Code agent), Cursor, Microsoft 365 Copilot, OpenAI API. Production conversational analytics, semantic-layer design, governed natural-language-to-SQL, read-only query controls, data-quality validation, explainability, lineage, and confidence scoring.

Web and API

C#, ASP.NET Core, Blazor Server, Blazor WebAssembly, MVC, Razor, Angular, React, TypeScript, JavaScript, Node.js / NPM, Bootstrap, Tailwind CSS, Telerik UI for Blazor, Kendo UI, Telerik Reporting. ASP.NET Core Web API, REST, SOAP, JSON, Custom binary protocols.

Mobile, Desktop, and Devices

.NET MAUI, Xamarin.Forms, Xamarin.iOS, Xamarin.Android, iOS (Swift), Android (Java); Custom charts, Hardware integration, Barcode scanning, Rugged devices, Offline sync, Push notifications (APNS / Firebase), Mobile CI/CD. WPF, Avalonia, Uno Platform, Windows Forms, UWP, Windows IoT Core, Linux, Custom Qualcomm hardware.

Data, Cloud, Messaging, and Delivery

SQL Server, PostgreSQL, Oracle, DB2, MySQL, Snowflake, Redis. Azure: App Services, API Gateway, Azure Functions, Key Vault, WAF, IoT Hub, Service Bus, Application Insights; AWS; GCP. RabbitMQ, Kafka, Azure IoT Hub, Azure Service Bus, AWS SQS. Azure DevOps, GitHub Actions, TeamCity, Visual Studio App Center / HockeyApp.

Leadership and Process

Agile, SAgile, PI Planning, Sprint planning, Requirements gathering, UX collaboration, Adobe XD, Architecture documentation, Onshore/offshore coordination, Cross-team alignment, Technical breakdowns

PROFESSIONAL EXPERIENCE

Lead Full-Stack Developer | Enterprise Application Engineer | AI Engineer

Confidential - Provided Upon Request | Remote | Jul 2020 - Present

- Artificial Intelligence: Built a governed, LLM-powered conversational analytics assistant - user asks a question in natural language, an LLM resolves intent against a curated semantic layer and generates a safe query, which executes read-only against Snowflake and returns an explainable, lineage-backed answer. Includes query safety controls (allow-listed tables, blocked DML/DDDL, parameterized queries, result limits), data-quality validation, confidence scoring, and role-aware responses. Daily use of Claude, ChatGPT/Codex, GitHub Copilot, and Cursor across multiple models for AI-assisted development.
- Built and enhanced customer-facing and internal applications using Blazor and React, modernizing legacy Angular systems.
- Migrated mobile apps from Xamarin to .NET MAUI, integrating custom charts, Telerik components, and Blazor hybrid modules.
- Developed and maintained ASP.NET Core APIs integrating with Oracle, PostgreSQL, Snowflake, and legacy SOAP services.
- Designed and deployed Azure architectures including App Services, API Gateway, Function Apps, Key Vault, and WAF.
- Created CI/CD pipelines using Azure DevOps and GitHub Actions, enabling automated multi-environment deployments.
- Led technical breakdowns, sprint planning, and cross-team collaboration across onshore and offshore teams.
- Integrated with enterprise systems including ERP (Infor), accounting, asset management, Adobe PDF workflows, RabbitMQ, and Kafka.

Full-Stack Lead Developer (Contract)

TherapeuticsMD | Boca Raton, FL (Hybrid) | Mar 2018 - Jun 2020

- Led development of a secure patient self-service portal (pharmacy-as-a-service).
- Built Angular + ASP.NET Core applications with Telerik Kendo UI and custom UX workflows.
- Integrated payment systems including First Data, Paymentus, and Stripe for credit card, ACH, and subscription billing.
- Designed and implemented ASP.NET Core Web APIs with SQL Server back-end services.
- Collaborated directly with pharmacists and business teams to define requirements, UX flows, and Adobe XD prototypes.
- Migrated infrastructure from on-prem to a hybrid AWS + GCP environment.
- Established CI/CD pipelines using TeamCity.

Full-Stack Lead Developer (Contract)

Johnson Controls | Milwaukee, WI (On-Site) | Jul 2016 - Mar 2018

- Built next-generation smart thermostat platform using C# UWP on Windows IoT Core with custom Qualcomm hardware.
- Architected shared components across UWP, Xamarin mobile apps, and ASP.NET MVC web applications.
- Developed Azure-based backend using IoT Hub (early beta), Web API, and SignalR for real-time updates.
- Led Stripe integration for device purchases, subscription billing, and reconciliation.
- Established Agile practices and automated builds using Visual Studio Team Services and HockeyApp/App Center.

Full-Stack Lead Developer (Contract)

UPS Ground Freight | Remote | Mar 2012 - Jul 2015

- Built operational efficiency suite across mobile (Xamarin), desktop (WPF), and web (ASP.NET).
- Developed rugged mobile apps for forklift workers and drivers with barcode scanning, offline mode, and push notifications.
- Designed WPF desktop planning tools with Bing Maps and Telerik components.
- Migrated on-prem systems toward Azure-based multi-tenant architecture with load balancing and monitoring.
- Integrated with Oracle, SQL Server, and legacy mainframe systems.

Full-Stack Developer (Contract)

CSX Transportation | Jacksonville, FL | Sep 2003 - Apr 2012

- Built Java-based reservation and logistics systems replacing legacy mainframe workflows.
- Integrated with enterprise systems via 3270 screen scraping, WebSphere, CICS, DB2, Oracle, and custom socket libraries.
- Designed highly graphical web applications for coal car distribution and train operations.

Full-Stack Developer

Fidelity National Financial | CSX Transportation | Various | 1996 - 2003

- Led development of large-scale B2B integration platforms using Java, J2EE, WebLogic, JMS, SOAP, XML, and Oracle.
- Built transportation, logistics, billing, and dispatch systems using Java, RMI, JDBC, and early web technologies.
- Designed and developed custom transaction servers, imaging systems, and sales automation tools.

EDUCATION

Florida Atlantic University - Senior-Level Coursework, Computer Science