**Ali Jamal**Senior .NET Consultant | DevOps Engineer | Cloud & Healthcare Systems Expert  
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**Professional Summary**

Full Stack .NET Developer and DevOps Consultant with over **10 years of experience** delivering scalable enterprise applications across healthcare, government, and e-commerce sectors. Proven expertise in .NET, JavaScript frameworks, Azure, AWS, and mobile technologies. Adept at leading full-stack development, DevOps integration, and performance optimization in distributed environments.

**Technical Skills**  
**Languages/Frameworks:** C#, ASP.NET MVC/Core, Node.js, JavaScript, React, Angular, Svelte, qwik, JQuery, Ionic, Cordova

**Cloud & DevOps:** Azure (App Services, Functions, SQL, CI/CD), AWS (EC2, S3), Docker, GitHub Actions, TFS, SVN

**Databases:** SQL Server, MongoDB, SQLite, Indexed DB

**CRM/ERP:** Microsoft Dynamics CRM, MS AX

**Tools:** GitHub, Visual Studio, VSCode, Webpack, Bootstrap, Copilot

**Experience Highlights**

**[](https://www.linkedin.com/company/myclinicksa/posts/?feedView=all)** **MazikCare** ([**My Clinic**](https://www.linkedin.com/company/myclinicksa/posts/?feedView=all)**)**

**Lead Full Stack Consultant**

(Remote Jeddah, KSA | Nov 2021–Present)

* Led full-stack delivery of clinical assessment and worklist modules using .NET and Microsoft Dynamics CRM
* Improved system stability and performance by ~90%, with major API optimizations and workflow enhancements.
* Reduced deployment time from 1–2 hours to minutes by implementing automated folder backups and release pipelines.
* Introduced PWA service workers to cache static assets (JS, HTML, CSS, images), minimizing server load from thousands of client machines.
* Implemented client-side version control for on-demand asset updates, streamlining UI refreshes and reducing unnecessary content delivery.
* Used IndexedDB for offline caching of frequently accessed data (e.g., medicines, lab tests), improving load time and reducing API traffic.

[**CEMIC**](https://compass-digital.com/features/) **[A white logo on a green background

AI-generated content may be incorrect.](https://www.linkedin.com/company/compass-digital---singapore/posts/?feedView=all)(**[**Compass Digital**](https://www.linkedin.com/company/compass-digital---singapore/posts/?feedView=all)**)**

**DevOps Engineer Consultant**

(Remote Singapore | 2020–2025)

* Modernized a legacy ship inspection and commissioning platform by migrating monolithic .NET apps to .NET Core with role-based access and modular API design.
* Improved API performance by over 70%, optimizing data access layers and reducing response latency in critical workflows.
* Replaced insecure login flow by implementing 100% secure authentication using hashed passwords (BCrypt), session management, and token-based access.
* Introduced secure email infrastructure for alerts and communication with role-specific routing and encrypted payloads.
* Reduced CI/CD deployment times by 40% through optimized Azure DevOps pipelines, resulting in faster, safer feature rollouts.
* Played a key role in stabilizing production systems and modernizing iOS/Web clients, improving user experience and operational reliability.

**[](https://www.linkedin.com/company/birmingham-city-council/posts/?feedView=all)**[**Birmingham Guardian**](https://birmingham.localgov.blog/2022/01/28/field-worker-beta-update/) ([**Birmingham City Council**](https://www.linkedin.com/company/birmingham-city-council/about/)**)**

**Full stack Consultant**

(Remote Birmingham, UK | 2022)

* Built backend APIs for Caretaker and Risk Marker mobile apps.
* Delivered secure authentication, field data synchronization, and cloud integration.
* Developed Reporting Mechanism

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**Sr. Software Engineer**

(Islamabad | 2020)

* Customized authentication and checkout workflows for localized e-commerce rollout in Pakistan.
* Supported integration of Web API MVC with VB.NET WebForms.

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**Sr. Software Engineer**

(Islamabad 2019)

* Transformed legacy VB.NET WebForms system to ASP.NET MVC, introducing modern architecture and improving maintainability across 20+ nationwide branches.
* Implemented dynamic branch orchestration with custom sharded databases per branch, enabling secure, branch-specific operations with centralized reporting.
* Developed critical financial modules including Bills, Remittance, and Vouchering, enhancing transaction accuracy and reducing manual effort by 60%.
* Built configurable organization-level controls and dashboards; improved financial visibility with real-time Crystal Reports and user-role segregation.
* Resulted in 50% reduction in support tickets and 30% faster reporting cycles across the branch network.

**[](https://www.linkedin.com/company/riayatechh/posts/?feedView=all)**[**ihealthCure**](https://www.linkedin.com/products/riayatechh-ihealthcure/) **[**[**RIC**](https://www.linkedin.com/company/rawalpindi-institute-of-cardiology/posts/?feedView=all) **/** [**Riayatech**](https://www.linkedin.com/company/riayatechh/posts/?feedView=all)**]**

**Senior Software Engineer**

(Rawalpindi 2015–2019)

* Led development of iHC‑HIS from scratch as the first engineer, delivering a modular hospital system used across multiple regions.
* Built 15+ modules (HIS, EMR/EHR, LIMS, PIS, etc.), reducing paper workflows by 90% and improving OPD registration speed from 3 minutes to 20 seconds.
* Implemented IPD, OT, CPOE, pharmacy, and lab workflows with barcode integration, ensuring 24/7 uptime and seamless cross-department operations.
* Developed HIPAA-compliant role-based access, HL7/FHIR integration, and audit trails to ensure data security and regulatory readiness.
* Delivered clinical and financial dashboards, enabling faster invoicing and data-driven hospital management.

**Education**  
**FAST-NUCES, Islamabad**

Bachelor of Science in Computer Science (Hons.), 2014

**Projects**

* MazikCare: Offline-first HIS PWA with IndexedDB and Azure CI/CD deployment.
* CEMIC: Modular .NET Core platform featuring secure email authentication and optimized APIs.
* Risk Marker: Secure field application for the UK government, offering reliable cloud-based reporting.

**Spoken Language**English - Professional  
Urdu – Mother Language

**Key Technologies:**.NET Core, C#, ASP.NET MVC, Azure DevOps, Docker, SQL Server, MongoDB, React, Angular, Dynamics CRM, CI/CD, Git, HL7/FHIR, ICD-10, HIPAA, Web API, Mobile Development