Ali Jamal

Senior .NET Consultant | DevOps Engineer | Cloud & Healthcare Systems Expert
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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

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.

Experience Highlights

MazikCare (My Clinic)
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 (Compass Digital)
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.

Birmingham Guardian (Birmingham City Council)
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

Edible Arrangements (Broadpeaks)
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.

Pakistan Currency Exchange (PPS)
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.

ihealthCure [RIC / Riayatech]
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