

AHMED NEMREEN

Technical Delivery Manager | Architecture-Grounded Delivery | Digital Platforms

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EXECUTIVE PROFILE

Technical delivery and architecture leader with 16+ years of experience guiding enterprise digital platforms from discovery and solution design through implementation, release, and post-production improvement, including extensive work across Saudi government transformation programs. Combines engineering depth with delivery planning, technical governance, cross-functional coordination, stakeholder management, and practical risk control.

Experienced in translating business priorities into delivery roadmaps, technical workstreams, release plans, quality controls, and measurable platform improvements while keeping architecture, user experience, dependencies, and long-term maintainability visible throughout delivery.

CORE TECHNICAL DELIVERY & GOVERNANCE COMPETENCIES

- End-to-End Technical Delivery
- Agile Planning & Delivery Governance
- Technical Risk & Dependency Management
- Release, CI/CD & Quality Governance
- Stakeholder & Cross-Functional Coordination
- Architecture & Engineering Governance
- Team Leadership & Continuous Improvement

PROFESSIONAL DEVELOPMENT

- **TOGAF® 10 Enterprise Architecture Foundation:** coursework completed
- **TOGAF® 10 Enterprise Architecture Practitioner:** coursework completed
- **ITIL Foundation:** coursework completed
- **AWS Certified Solutions Architect – Associate:** in progress

FOCUS PROJECTS AND TECHNICAL DELIVERY INITIATIVES

MIM Digital Platform Portfolio

Marsad (NIMIC) - nimic.mim.gov.sa

- Technical delivery across the MIM analytics and digital-services platform, coordinating Angular/Nx modernization, BI integration, API dependencies, CMS migration, performance, CI/CD, UX governance, and cross-functional release readiness.

Tarmeez / NRPS - psnr.mim.gov.sa

- Technical delivery focus for a national data platform integrating government and private-sector datasets, standardized classifications, secure APIs, analytics, and phased expansion from the 2025 MVP through 2028.

GOSI Digital Program Portfolio

GOSI Main Portal - gosi.gov.sa

- Coordinated delivery across GOSI public digital services, managing platform dependencies, reusable standards, API integrations, quality, performance, accessibility, and stakeholder alignment.

Taminaty - taminaty.gosi.gov.sa

- Delivery leadership for customer self-service journeys across responsive channels, shared components, integrations, release quality, performance, and user-experience requirements.

Labeeb - masdr.sa/labeeb

- Technical delivery focus for a cloud AI customer-engagement platform spanning omnichannel experiences, system integration, real-time analytics, Arabic support, and digital-government compliance requirements.

PERSONAL PROJECTS & OPEN-SOURCE WORK

Independent projects built and owned outside client engagements, as sole developer/architect or freelancer — used here as direct architecture and engineering evidence.

Hisn (حِصْن) — Full Solution Architecture, Sole Developer & Product Owner

Project: <http://hisnlab.com/>

- Arabic-native DLP and AI compliance SaaS for Saudi enterprise and government customers (NCA ECC 2.0, PDPL, SAMA CSF), designed and built end-to-end as sole architect and developer.
- Owns all architecture decisions and documentation, including schema-per-tenant multi-tenancy isolation (ADR-001), field-level RBAC (ADR-002), and a 4-layer AI processing pipeline (Language → PII → Intent → Risk).
- Architecture stack: Angular/Nx, NestJS, FastAPI, PostgreSQL with pgvector, Kubernetes (EKS) on AWS me-central-1, Keycloak identity, and a custom Arabic NLP model (AraBERT-DLP).
- Produced full architecture artifacts: Technical Architecture Document, OpenAPI contract, CI/CD pipeline definition, privacy impact assessment, and a 7-portal role-isolated application design.

DGA Angular — Platforms Code Design System

Live demo: <https://nemreen.info/dga/>

- Designed and published an RTL-first Angular design system and UI component library for Saudi digital government portals, including design tokens and reusable component/portal-shell architecture. Published as npm packages (@a.nemreen/dga-ui, @a.nemreen/dga-tokens).

loggo — Frontend Logging Package

Live demo: <https://nemreen.info/loggo>

- Authored and published a zero-dependency TypeScript logging package (@a.nemreen/loggo, MIT) that provides styled console output in development and silently no-ops in production — a drop-in replacement for console.log/warn/error/table/group/time.

a11y — Accessibility Toolkit

Live demo: <https://nemreen.info/a11y>

- Designed and published a framework-agnostic accessibility toolkit (@a.nemreen/a11y, MIT) covering quick profiles, visual filters, and a reading mask, with bilingual Arabic/English RTL support — works across Angular, React, Vue, and plain HTML with no framework peer dependencies.

WORK EXPERIENCE

Technical Lead and Solution Architecture Consultant

Apr 2025 – Present

DIYAR - MIM Project (Riyadh, Saudi Arabia)

Technical Lead and Solution Architecture Consultant responsible for architecture-grounded delivery, technical leadership, and UX guidance across enterprise digital platforms. Owns work from discovery and solution design through implementation, release, and post-production improvement. Experienced in Agile planning, estimation, delivery risk management, stakeholder communication, engineering quality, and coordination across product, design, back-end, and DevOps teams. The MIM portfolio includes Marsad (NIMIC) and Tarmeez / NRPS as major digital platforms.

- Lead technical delivery across enterprise digital platforms, translating business capabilities and non-functional requirements into structured solution designs, delivery workstreams, priorities, and implementation guidance.
- Define delivery-ready architecture principles, engineering standards, reusable platform patterns, and acceptance expectations in collaboration with product owners, designers, back-end teams, and business stakeholders.
- Lead architecture, technical design, and code reviews to control implementation quality, resolve technical issues, and keep delivery aligned with agreed platform standards.
- Own technical decision-making across the full delivery lifecycle, from discovery and solution design through implementation, release, and post-production optimization.
- Drive sprint planning, backlog refinement, estimation, task coordination, and risk management while communicating dependencies and trade-offs to technical and business stakeholders.
- Use usability reviews, journey mapping, platform performance, and user behavior data to guide priorities and ensure delivery decisions support the intended service experience.
- Define and monitor platform KPIs, evaluate delivery and architecture risks, and prioritize improvements that strengthen efficiency, reliability, user experience, and sustainability.
- Contribute to delivery and governance frameworks covering code quality, automated testing expectations, technical debt, architecture compliance, and proactive issue management.
- Establish reusable design systems and component libraries that reduce duplication, improve consistency, and help teams deliver changes more efficiently.
- Collaborate with DevOps teams on CI/CD architecture, release readiness, deployment reliability, and post-release stabilization.

Technical Lead | Application Architecture | R&D Engineer

Nov 2023 – Apr 2025

EJADA - GOSI Project (Riyadh, Saudi Arabia)

Technical Lead responsible for application architecture and coordinated engineering delivery across responsive, high-performance web and mobile platforms. Led cross-functional technical work, team mentoring, planning, architecture reviews, code quality, performance improvement, and continuous improvement across development processes. The GOSI portfolio included gosi.gov.sa, Taminaty, and Labeeb as major digital platforms.

- Lead and mentor developers while planning technical work, reviewing implementation, and guiding application structure and framework usage.
- Coordinate delivery of UI components and platform modules using reusable, modular architecture that maintains consistency across applications.
- Enforce architecture, code, and quality standards to maintain reliable and maintainable codebases throughout delivery.
- Guide implementation of application frameworks and component libraries across multiple products and delivery teams.
- Evaluate frameworks and architecture approaches against delivery scope, maintainability, performance, and project constraints.

- Coordinate with back-end and DevOps engineers on integration dependencies, tooling, infrastructure, and release readiness.
- Oversee implementation of responsive interfaces across platforms and devices while managing UX fidelity and delivery quality.
- Apply modern front-end capabilities within the delivery architecture to produce performant, maintainable implementations.
- Prioritize and coordinate performance improvements at architecture and implementation levels.
- Track emerging platform technologies and manage adoption where they improve delivery, quality, or long-term maintainability.
- Contribute to research and development initiatives and turn useful findings into practical delivery improvements.
- Establish coding standards, naming conventions, review practices, and organizational methods across teams.
- Guide adoption of UX standards and practices that support consistent delivery across the platform.

Lead Front-End Developer | UI,UX Developer

Jun 2021 – Oct 2023

EJADA - GOSI Project (Riyadh, Saudi Arabia)

Led front-end development and UI/UX design projects, managed a team of developers, created responsive and user-centric interfaces, collaborated with cross-functional teams, and optimized application performance using modern web technologies.

- Led UI/UX design and development for GOSI digital platforms, conducting user research and producing wireframes, prototypes, and visual designs.
- Led and mentored a team of front-end developers, conducting code reviews and enforcing coding standards.
- Partnered with product managers, designers, and back-end developers to translate business requirements into user-centric solutions.
- Managed project timelines and task delegation, ensuring on-time delivery of features and updates.
- Introduced process and tooling improvements to strengthen performance and scalability.
- Mentored junior designers and developers, building a collaborative team culture.

Senior Front-End Developer - UX Developer

Jun 2015 – May 2021

Naseej - GOSI Project (Riyadh, Saudi Arabia)

Designed and implemented user interfaces, led front-end and UX projects, collaborated with cross-functional teams, ensured responsive and intuitive user experiences, and optimized performance using modern web technologies — building the platform and engineering foundation that later supported a move into architecture and technical leadership.

- Primary web designer / front-end web developer with advertising firm.
- Develop prototype designs into fully functional websites.
- Utilize expertise in front-end development technologies such as HTML, XHTML, CSS, Java and jQuery to enhance interactivity.
- Create banner ads, email advertisements / newsletters.
- Revamping an old website to new and modern sites.
- Integrate HTML code with .NET.

Senior Front-End Developer

Nov 2013 – May 2015

iHorizons (Amman-Jordan)

Developed and optimized user interfaces, led front-end projects, and collaborated with designers and back-end developers to deliver responsive, performant applications.

- Developing PHP applications, as well as connecting websites with MySQL database and writing queries to retrieve data from it.
- Using web content management systems to manage websites (Joomla / Rama-Vision CMS / WordPress / ...).
- Lead the planning and implementation of projects.
- Track project deliverables using appropriate tools.
- Present reports defining project progress, problems and solutions.
- Quality assurance.

Lead Developer

Apr 2012 – Oct 2013

Chromovision (Amman-Jordan)

Led development projects and managed a team of developers, designing and implementing features while ensuring code quality and application performance.

- Developing PHP applications, as well as connecting websites with MySQL database and writing queries to retrieve data from it.
- Using web content management systems to manage websites (Joomla / Rama-Vision CMS / WordPress / ...).
- Lead the planning and implementation of projects.
- Track project deliverables using appropriate tools.
- Present reports defining project progress, problems and solutions.
- Quality assurance.

Web Developer

Mar 2011 – Apr 2012

Chromovision (Amman-Jordan)

Developed and maintained websites, collaborated on feature implementations, debugged issues, and optimized performance using HTML, CSS, and JavaScript.

- Developing PHP applications, as well as connecting websites with MySQL database and writing queries to retrieve data from it.
- Using web content management systems to manage websites (Joomla / Rama-Vision CMS / WordPress / ...).
- Quality assurance.

Consulting Assistant and ARIS Tools Technical

Jul 2010 – Feb 2011

Reach Group (Amman-Jordan)

Assisted with business process consulting and reengineering using ARIS Tools, developing process architectures and workflow diagrams and preparing documentation — early exposure to enterprise process modeling that continues to inform an architecture-oriented, business-aligned approach to technology delivery.

- Participating in providing consulting services regarding business process management and reengineering.
- Participating in improving processes to reduce waste and continuously improve performance.
- Perform continuous reviews to align processes with business changes.
- Develop business process architectures, process relationship maps, functional relationship maps, cross-functional maps and workflow diagrams using the ARIS BPM tool.
- Research industry trends, best practices and improvement opportunities from all sectors.
- Interviewing client's employees, management team and other stakeholders.
- Preparing all reports, forms and documents needed for business process reengineering.

Technical Support

Dec 2009 – Jul 2010

Network Exchange Technology (Amman-Jordan)

Handled technical support for ISP services, including troubleshooting, device setup, and network maintenance.

- VOIP System (devices configuration and setup, and billing system management).
- Troubleshooting problems (Dialup – ADSL – Mdaemon Mail Server).
- Maintenance (hardware and software).
- NOC.
- Routing configuration.
- Good knowledge and background in Bluecoat and Fortinet.

EDUCATION

BSc in Computer Information Systems

Sep 2005 – Feb 2009

Al-Hussain Bin Talal University, Ma'an – Jordan

SKILLS

Delivery & Governance

- **Delivery Lifecycle:** Discovery, Solution Design, Implementation, Release, Post-Production Optimization
- **Agile Delivery:** Sprint Planning, Backlog Refinement, Estimation, Task Coordination
- **Governance:** Architecture Reviews, Code Reviews, Engineering Standards, Quality Controls
- **Risk & Quality:** Technical Risk, Dependencies, Automated Testing Standards, Technical Debt
- **Stakeholders:** Trade-Off Communication, Cross-Functional Coordination, Progress and Issue Management

Cloud & Platform

- **Cloud:** AWS (Solutions Architect – Associate in progress), AWS me-central-1 (Hisn)
- **Platform Engineering:** Kubernetes / EKS, Containers, CI/CD, Keycloak / IAM (Hisn)

Platform Delivery Technologies

- **Frameworks:** Angular, Nx, React, NestJS, FastAPI
- **Platform Delivery:** SSR, REST APIs, Headless CMS, Analytics Dashboards
- **Integration:** Enterprise APIs, BI / Reporting, Omnichannel Platforms

Data & AI

- **Data:** PostgreSQL, pgvector (Hisn)
- **AI / NLP:** AI/LLM Integration, Arabic NLP — AraBERT-DLP (Hisn)

Leadership & Technical Delivery

- **Team Leadership:** Leading and Mentoring Teams, Team Management
- **Delivery Leadership:** Task Delegation, Timeline Management, Estimation, Comprehensive Code Reviews
- **Continuous Improvement:** Process and Tooling Improvement, Adoption of New Technologies
- **Collaboration:** Product, UX, Engineering, Back-End, DevOps, and Business Stakeholders
- **Delivery Tools:** JIRA, Trello, Asana

UX & Digital Platforms

- **UI/UX Design:** Wireframing, Prototyping, Visual Design, User Research
- **Design Systems & Accessibility:** Reusable Component Libraries, Accessibility, RTL/Bilingual Platforms
- **Responsive Design:** Cross-platform Compatibility, Mobile-first Design
- **Performance Optimization:** Code Optimization, Performance Tuning

Soft Skills

- **Collaboration:** Cross-functional Team Collaboration, Effective Communication
- **Problem-Solving:** Troubleshooting, Debugging
- **Consulting:** Business Process Management, Reengineering

Earlier Technologies

Version Control: Git, SVN

Task Runners: Webpack, Gulp, Grunt

Backend Integration: API Integration, .NET Integration

Content Management Systems: Joomla, WordPress, Rama-Vision CMS

Database: MySQL, SQL Queries

Technical Support: VOIP System Setup, Network Troubleshooting, Device Configuration, Bluecoat and Fortinet

Business Process: ARIS Tools, Process Mapping, Workflow Optimization

Design Tools

Figma • Adobe XD • Adobe Photoshop • Adobe Illustrator • Adobe InDesign

LANGUAGES

Arabic

Native

English

Proficient