

AHMED NEMREEN

Engineering Manager | Application Platforms | Team & Delivery Leadership

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EXECUTIVE PROFILE

Engineering leader with 16+ years in enterprise digital platforms and 10+ years supporting Saudi government programs. Leads technical direction, engineering quality and cross-functional coordination on MIM platforms; previously mentored frontend teams and guided technical delivery on GOSI services.

Technically led teams of eight at EJADA (GOSI) and four at Chromovision, covering task allocation, utilization, architecture choices, issue resolution, mentoring, engineering standards and delivery governance. Combines hands-on application architecture with technical team management and UX-informed quality decisions.

CORE ENGINEERING LEADERSHIP & DELIVERY COMPETENCIES

- Engineering Team Leadership
- Mentoring & Capability Development
- Delivery Planning & Estimation
- Architecture & Code Quality
- Cross-Functional Collaboration
- Platform Engineering & Design Systems
- Technical Risk & Continuous Improvement

PROFESSIONAL DEVELOPMENT

- TOGAF® 10 Enterprise Architecture Foundation
- TOGAF® 10 Enterprise Architecture Practitioner
- ITIL Foundation
- AWS Solutions Architect – Associate

FOCUS PROJECTS AND ENGINEERING LEADERSHIP INITIATIVES

MIM Digital Platform Portfolio

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

- Guided engineering work on Marsad's Angular/Nx modularization, shared UI patterns, BI/API integrations and CMS modernization, coordinating technical decisions and code quality across contributors.

Tarmeez (PSNR) - psnr.mim.gov.sa

- Supported cross-team delivery for Tarmeez (PSNR), aligning classification workflows, service integration, technical standards and iterative implementation needs.

GOSI Digital Program Portfolio

GOSI Main Portal - gosi.gov.sa

- Led frontend contributors delivering GOSI Portal and Public e-Services; established shared modules, code-review practices, responsive design standards and technical quality expectations.

Taminaty - taminaty.gosi.gov.sa

- Coordinated engineering work and code reviews for Taminaty Individual and Taminaty Business, including reusable UI components and integration dependencies.

Labeeb (Ameen at GOSI) - masdr.sa/labeeb

- Contributed technical leadership and integration/frontend standards to flagship Labeeb (internally Ameen at GOSI), an Arabic omnichannel platform serving human and virtual-agent journeys.
- Additional delivered products: Tracker 360, Backoffice, Taqdeer Portal and CRM Portal; confidential internal products not named. Contributed to GOSI Super App in a wider delivery team.

PERSONAL PROJECTS & OPEN-SOURCE WORK

Selected independent products and prototypes demonstrating end-to-end technical ownership, documented architecture and release-ready developer tooling.

Hisn — Full Solution Architecture, Sole Developer & Product Owner

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

- Built Hisn independently as a complete seven-portal SaaS platform, deployed on private servers for demos on request (product site live at hisnlab.com), organized around access boundaries, shared services and documented technical decisions.
- Established ADRs for tenant isolation and field-level RBAC, plus a defined AI-processing workflow, to guide consistent implementation.
- Implemented and designed across Angular/Nx, NestJS, FastAPI, PostgreSQL/pgvector and Keycloak, with AWS EKS (me-central-1) deployment architecture.
- Produced API, architecture, CI/CD and privacy documentation as concrete engineering handover artifacts.

Loopwell — Arabic-First Feedback & Follow-Up Product Prototype

- Designed and delivered a bilingual interactive product prototype for feedback insights, case assignment, follow-up ownership and resolution tracking.

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, with design tokens, reusable components and portal-shell architecture. Released npm packages @a.nemreen/dga-ui and @a.nemreen/dga-tokens.

loggo — Frontend Logging Package

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

- Authored and published @a.nemreen/loggo (MIT), a zero-dependency TypeScript logging utility providing styled console diagnostics in development and production no-op behavior, replacing console.log/warn/error/table/group/time.

a11y — Accessibility Toolkit

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

- Designed and published @a.nemreen/a11y (MIT), a framework-agnostic accessibility toolkit featuring accessibility profiles, visual filters and a reading mask, with Arabic/English RTL support across Angular, React, Vue and plain HTML.

WORK EXPERIENCE

Technical Lead and Solution Architecture Consultant

Apr 2025 – Present

DIYAR - MIM Project (Riyadh, Saudi Arabia)

On the MIM program, technically leads engineering workstreams across Marsad and Tarmeez (PSNR). Coordinates work allocation, utilization, architecture choices, technical issue resolution, quality reviews and collaboration across product, UX, frontend, back-end and DevOps.

- Mentored developers through architecture and code reviews, clarifying implementation choices and review expectations.

- Established reusable Angular/Nx modules, shared design-system patterns and coding conventions to align work across digital services.
- Assigned engineering work, balanced team capacity and utilization, resolved blockers and coordinated integration dependencies with product, back-end and DevOps stakeholders.
- Guided decisions on maintainability, performance, accessibility and technical debt during application changes.
- Contributed to sprint planning, backlog refinement and estimation for engineering workstreams.
- Reviewed technical risks and quality considerations when evaluating frameworks and tools.
- Reinforced quality gates through code review, testing expectations and practical engineering standards.
- Worked with DevOps counterparts on release readiness, CI/CD expectations and production support.
- Lead engineering teams across solution design, application architecture, implementation, code review, release, and post-production improvement.
- Define engineering standards, reusable platform patterns, team expectations, and technical solutions in collaboration with product, design, back-end, and business stakeholders.
- Lead architecture and code reviews, mentor engineers, resolve technical issues, and guide decisions across the platform.
- Own technical decisions across the delivery lifecycle while keeping teams aligned on scope, quality, dependencies, and long-term maintainability.
- Drive sprint planning, backlog refinement, estimation, task coordination, and risk management with technical and business stakeholders.
- Use usability reviews, journey mapping, performance data, and user behavior to help teams prioritize engineering and experience improvements.
- Define and monitor platform KPIs and evaluate technologies and engineering practices that improve team efficiency, quality, and sustainability.
- Establish code quality practices, automated testing expectations, technical debt controls, review processes, and continuous improvement mechanisms.
- Establish scalable design systems and reusable component libraries that improve consistency and enable teams to deliver more efficiently.

Technical Lead | Application Architecture | R&D Engineer

Nov 2023 – Apr 2025

EJADA - GOSI Project (Riyadh, Saudi Arabia)

At GOSI, technically led an eight-person frontend/application team across major public services, combining work assignment, architecture and code reviews, team coaching and delivery governance.

- Led and mentored eight developers through task allocation, issue resolution, architecture guidance, code reviews and ongoing technical coaching.
- Guided teams in building reusable UI components and platform modules that maintain consistency across applications.
- Established and enforced architecture, code quality, naming, testing, and maintainability standards.
- Guided delivery of application frameworks and component libraries across multiple products and teams.
- Evaluated frameworks and architecture patterns and guided adoption based on project and team needs.
- Coordinated designers, back-end developers, and DevOps engineers across integration, tooling, infrastructure, and release concerns.
- Prioritized and guided performance improvements across architecture and implementation.
- Led R&D and continuous improvement initiatives that expand team knowledge and improve development practices.
- Established coding standards, naming conventions, organizational methods, and shared practices across teams.
- Lead and mentor developers through architecture guidance, code reviews, problem solving, and regular support on application structure and framework usage.
- Oversee responsive implementation and UX quality across platforms and devices.

- Maintain strong engineering practices across HTML, CSS, JavaScript, application architecture, and implementation quality.
- Track emerging technologies and support team adoption where they strengthen products or engineering capability.
- Guide teams in adopting UX, accessibility, and interface standards aligned with the platform strategy.

Lead Front-End Developer | UI/UX Developer

Jun 2021 – Oct 2023

EJADA - GOSI Project (Riyadh, Saudi Arabia)

- Led UI/UX design and development for GOSI digital platforms, conducting user research and producing wireframes, prototypes, and visual designs.
- Technically led a team of eight delivering GOSI digital products, mentoring members, 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, and introduced process and tooling improvements to strengthen performance and scalability.
- Managed project timelines and task delegation, ensuring on-time delivery of features and updates.
- 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 built responsive, user-centered front-end interfaces for GOSI digital platforms, turning UX designs and prototypes into production-ready implementations.
- Led front-end and UX workstreams in collaboration with product, design, and back-end teams, optimizing performance with modern web technologies.
- Integrated front-end implementations with .NET back-end services and modernized legacy web interfaces into responsive, up-to-date experiences.
- Built the front-end and UX foundation that later supported the move into application architecture and technical leadership.
- 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

ARCHITECTURE, ENGINEERING & TECHNICAL SKILLS

Engineering Leadership & Governance

- Team Leadership: Leading and Mentoring Teams, Technical Guidance, Capability Development
- Engineering Governance: Architecture Reviews, Code Reviews, Standards, Reusable Patterns
- Delivery Management: Planning, Estimation, Delegation, Timeline and Dependency Management across Digital and AI Platforms
- Quality: Maintainability, Performance, Automated Testing Standards, Technical Debt Management
- Stakeholders: Cross-Functional Coordination, Risk Communication, Technology Evaluation

Cloud & Platform

- Cloud: AWS platform design, AWS me-central-1 target deployment architecture (Hisn)
- Platform Engineering: Kubernetes / EKS, Containers, CI/CD, Keycloak / IAM (Hisn)

Application Architecture

- Frameworks: Angular, Nx, React, TypeScript, NestJS (Hisn), FastAPI (Hisn)
- Front-End Development: Angular, React, TypeScript, HTML5, CSS3, JavaScript (ES6+), SSR
- Content Platforms: Headless CMS, REST APIs

Data & AI

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

People Leadership & Delivery

- Team Leadership: Leading, Mentoring, Coaching, and Team Management
- Delivery Leadership: Task Delegation, Timeline Management, Estimation, Comprehensive Reviews
- Continuous Improvement: R&D, Process Improvement, Tooling, Adoption of New Technologies
- Mentorship: Training Junior Developers, Knowledge Sharing, Collaborative Team Practices
- 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