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Objective

Strategic Lead Front-end Engineer with 10+ years of experience and a 4 year track record of leading cross-functional teams. Expert in scaling high-impact digital government platforms serving millions of users. Focused on fostering high-performing teams, optimizing delivery lifecycles, and aligning technical roadmaps with business objectives.

Experience

Senior Software Engineer

TAMM (Department of Government Enablement) - Abu Dhabi
Sept 2025 – present

- Leading a cross-functional squad (Frontend, Backend, iOS, Android, QA), improving sprint predictability and release quality while consistently meeting delivery commitments across multiple releases.
- Manage project technical activities during project phases
- Facilitated agile activities (sprint planning, daily stand-ups, reviews, retrospectives)
- Architect system design and discuss system design alternatives
- Coordinated execution across platforms to deliver predictable, high-quality releases within sprint commitments

Senior Software Engineer level 2

Xische & Co - Abu Dhabi
May 2021 – Aug 2025

- led the development of the TAMM web portal, Abu Dhabi's flagship digital government platform, leading a cross-functional front-end team.

- Directed mobile-first and responsive UI development using **React with TypeScript, Next.js, and SASS**. Oversaw design and integration of a **reusable component library** using **monorepo (Lerna)**.
- Championed **Agile/Scrum** practices: led **sprint planning, stand-ups, and retrospectives**, improving team velocity and product delivery cadence.
- Partnered closely with stakeholders to translate digital strategies into actionable roadmaps, aligning technology deliverables with business goals.
- Played a consultative role on architecture and tech stack decisions, influencing frontend modernization and strategic direction.
- Supported legacy systems on **Sitecore SXA / React JSS**, ensuring continuity while leading modernization.

Software Engineer

Digital14 - Abu Dhabi
Feb 2020 – May 2021

- Led front-end revamp of TAMM's digital services, enabling unified citizen access to government services.
- Developed scalable and secure front-end solutions with ReactJS, CSS/SASS/Bootstrap, and Sitecore SXA, ensuring high performance (Google Insights optimization).
Integrated Google Analytics across platforms for behavior tracking and reporting.
- Collaborated with multi-disciplinary teams on cross-agency initiatives, including ADP, DOH, ADHA, and ADDA.

Senior Software Engineer

ITworx - Abu Dhabi
July 2018 – Feb 2020

- Delivered "My Locker", a secure digital repository within TAMM, managing personal and official records.
- Built microservices-integrated features using ReactJS, Node.js, and .NET RESTful APIs in a cloud-ready architecture.
- Applied Agile principles in delivery cycles with a strong focus on quality, testing, and user experience.

Software Engineer

ITworx - Cairo

July 2016 – July 2018

- Worked on ONTRACK, a strategy management product responsible for configuring, analyzing, designing, coding, developing, unit testing, and documenting new features for this product using ASP.Net Web APIs, .NET core, SQL and Angular 2/5 with typescript
- Enhanced legacy systems built with SharePoint, AngularJS, and SSRS, ensuring backward compatibility and performance tuning.

Education

System Development (Software Architect) Diploma (intake 36)

Oct 2015 - June 2016

Information Technology Institute (ITI) - MCIT Egypt

- 9-month System Development/Software Architecture diploma
- 1st of my class

Bachelor's Computer science

2009 - 2013

Misr International University (MIU)

- Grade: Good
- Under Supervision of University of Nottingham

Certifications

Foundations of Project Management by Google

July 2024

Credential id: MAXBSBHQK2KD

Skills & Abilities

Front-End Engineering

- JavaScript (ES6+), TypeScript
- React, Next.js, Angular
- HTML5, CSS3, SASS, Bootstrap
- Responsive design, cross-browser compatibility, performance optimization

Mobile & Cross-Platform Collaboration

- Working closely with Android and iOS teams on shared APIs and UX consistency
- Coordinating web and mobile delivery within cross-functional squads

Architecture & Platforms

- Front-end architecture and scalable UI design
- Sitecore 9, Sitecore SXA, Sitecore JSS (React)
- Component-driven development and design system adoption

Agile Delivery & Leadership

- Squad leadership with end-to-end delivery ownership and sprint accountability
- Scrum and Kanban methodologies
- Sprint planning, execution tracking, reviews, and retrospectives
- Cross-team coordination and dependency management

Tooling & Engineering Practices

- GitHub, GitLab, Bitbucket
- Jira, Confluence, Azure DevOps (TFS)
- Monorepo management (Lerna)
- Code reviews, CI/CD collaboration, quality-driven delivery

Languages

- Arabic - mother Tongue
- English - native