

ELIO AL-RAHY

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SUMMARY

Software Engineer and Digital Transformation Lead with 5+ years delivering scalable systems and leading cross-functional teams. Currently driving company-wide digital transformation and building an AI-powered internal knowledge platform using RAG architecture. Strong background in full-stack development with React, TypeScript, and Node.js; experienced in cloud infrastructure, role-based architectures, and translating complex operational workflows into robust digital solutions.

EXPERIENCE

Digital Transformation Lead — GLASSLINE *April 2026 – Present*

- Driving company-wide digital transformation by identifying operational bottlenecks and building software solutions that reduce friction across design, production, logistics, and site teams.
- Leading development of Tower Control, an in-house platform centralizing facade project execution across progress tracking, quality control, logistics visibility, and site coordination.
- Building the Company Brain — an AI-powered internal knowledge system using a RAG architecture (Next.js, Node.js, PostgreSQL/pgvector on AWS RDS, OpenAI embeddings, Claude Sonnet) with a knowledge base chatbot and a document review agent.
- Integrating Microsoft Graph API to ingest data from Outlook, OneDrive, and Teams into the knowledge pipeline.
- Working directly with stakeholders across all departments to document workflows, produce PRDs, and define system requirements.

Software Engineer — CME Offshore *May 2025 – April 2026*

- Architected multi-tenant, role-aware systems with strict data isolation across organizations and districts.
- Designed and delivered multi-persona dashboards tailored to different roles and responsibilities.
- Integrated Auth0 for secure authentication and fine-grained authorization.
- Built analytics-heavy dashboards with dynamic time filters and aggregated metrics.
- Optimized React Query usage and frontend architecture to improve performance and scalability.
- Collaborated with backend, product, and stakeholders to define requirements and ensure delivery quality.

Software Engineer / Team Lead — ETE Services *May 2021 – May 2025*

- Led multiple client projects end-to-end, acting as technical point of contact and owning delivery.
- Managed and mentored junior engineers through code reviews, task breakdowns, and technical guidance.
- Defined frontend and backend architecture standards across projects to ensure consistency and scalability.
- Delivered full-stack solutions using React, TypeScript, and Node.js across diverse domains.
- Designed and maintained AWS-based deployment pipelines using Lambda, S3, and CloudFront.
- Provided live production support and led incident resolution during critical client issues.
- Enforced Git Flow and best practices for version control and team collaboration.

WordPress Developer — ELECTROFARES SL *Jan 2021 – May 2021*

- Enhanced frontend functionality and implemented responsive UI improvements for a WordPress e-commerce platform.
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SKILLS

Leadership: Digital Transformation, Agile Delivery, Team Lead, Stakeholder Management

Frontend: React, Next.js, React Native, TypeScript, HTML, CSS

Backend: Node.js, Spring Boot, MongoDB, PostgreSQL, pgvector

AI & Data: RAG Architecture, OpenAI Embeddings, Vector Search, Microsoft Graph API

Cloud & DevOps: AWS (Lambda, S3, CloudFront, RDS), Kubernetes, Terraform

Version Control: Git, Bitbucket, Git Flow

Languages: JavaScript, TypeScript, Java

EDUCATION

M.Sc. in Computer Science — Lebanese American University, Beirut 2023

B.Sc. in Computer Science — Lebanese University, Fanar 2020

LANGUAGES

English — Fluent **Arabic** — Native **French** — Intermediate