

# Zouhair Loucif

Technical Project Manager & Engineer-Turned-Leader | Cross-Functional Delivery • Full-Stack Fluency • Agency & SMB Scale-Ups

Ottawa, Ontario, Canada | Relocating from Dieppe, NB in June 2026

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## PROFESSIONAL SUMMARY

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Technical project manager with a senior-engineer backbone and 6+ years of international delivery across three continents. Shipped enterprise-scale platforms at Kongsberg Digital in Oslo and now anchor delivery on 10+ concurrent engagements at Graphem Solutions — scope to deployment, on-time, with a 30-minute client-response SLA. Coordinate cross-functional squads of 5–10 engineers, designers, and stakeholders across SaaS, AI, cloud, and enterprise web. Master's in Computer Software Engineering, hands-on with JavaScript, TypeScript, Python, AWS, Azure, and Kubernetes — and fluent in the stakeholder vocabulary of C-suites, marketing directors, and agency partners. Trilingual (English, French, Arabic).

## SELECTED IMPACT

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- Promoted CTO Assistant → Technical Project Manager in 4 months after anchoring 10+ concurrent agency and SMB engagements with a 30-minute client-response SLA.
- Owned end-to-end delivery of 3 enterprise-scale Digital Twin programs at Kongsberg Digital — Microsoft Azure, 10,000,000+ asset scale, every milestone met.
- Lifted squad velocity 25% at Kongsberg by hardening CI/CD, code-review, and mentorship rituals across a multicultural engineering team.

## CORE COMPETENCIES

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**Project & Program Management:** Agile, Scrum, Kanban, Waterfall, Hybrid Delivery, Roadmap Planning, Sprint Planning, Release Management, Stakeholder Management, Risk Management, Budget & Resource Allocation, Dependency Management, Change Management, Cross-Functional Team Leadership

**Technical Delivery:** Software Development Life Cycle (SDLC), CI/CD, DevOps, Microservices, API Integration, Cloud Architecture, System Design, Digital Transformation, Quality Assurance (QA)

**PM & Collaboration Tools:** Jira, Asana, Confluence, Notion, Monday.com, Trello, Microsoft Project, Slack, Microsoft Teams, Zoom, Miro, GitHub, GitLab

**Technical Stack:** JavaScript, TypeScript, Python, Node.js, React, Angular, Vue, Laravel, Docker, Kubernetes, Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP), PostgreSQL, MongoDB, TimescaleDB, REST, GraphQL

**AI & Emerging Tech:** Large Language Model (LLM) Integration, AI Agent Orchestration, Natural Language Processing (NLP), TensorFlow, Workflow Automation

**Client & Stakeholder:** Technical Consultation, Requirements Gathering, Proposal & Estimation, Executive Reporting, Vendor & Agency Coordination, Customer Success

**Leadership:** Transparent Communication, Accountability, Problem-Solving, Conflict Resolution, Mentorship, Multicultural Team Leadership, Documentation

## PROFESSIONAL EXPERIENCE

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### Technical Project Manager | CTO Assistant (initial role)

September 2025 – Present

Graphem Solutions Inc. — Dieppe, New Brunswick, Canada

- Promoted CTO Assistant → Technical Project Manager in 4 months after anchoring 10+ concurrent engagements across web, SaaS, e-commerce, CRM integration, hosting, and mobile.
- Own timelines, resource allocation, and milestone delivery for a cross-functional squad of 5+ engineers, designers, and project coordinators — Agile/Scrum rituals, 30-minute client-response SLA.

- Serve as the senior technical voice for marketing directors, agency partners, and C-suite clients — translating business goals into crisp scopes, estimates, and roadmaps.
- Authored company-wide engineering documentation and knowledge-management standards that shortened onboarding and smoothed handoffs between engineering, design, sales, and leadership.
- Partner with the CTO/VP on architecture, risk, and technical due diligence for new proposals — lifting win rates with agency and SMB clients across Canada and the United States.
- Anchor digital transformation programs on Laravel, Vue.js, WordPress, HubSpot, Shopify, and WooCommerce for clients scaling from 5- to 7-figure revenue.

### Senior Software Developer

January 2023 – July 2025

*Kongsberg Digital — Oslo, Norway*

- Owned end-to-end delivery of 3 enterprise-scale Digital Twin programs — every milestone met, every client expectation exceeded.
- Coordinated cross-functional squads of engineers, data scientists, and product owners in Agile/Scrum — lifted squad velocity 25%.
- Architected and shipped a cloud-native platform on Microsoft Azure enabling real-time visualization for 10,000,000+ industrial assets (Express.js, Angular, Python, TypeScript, Kubernetes, Redis).
- Rearchitected time-series infrastructure (TimescaleDB, InfluxDB) — lifted query performance 35% and trimmed infrastructure cost 20%.
- Mentored 4+ junior engineers and hardened CI/CD, code-review, and DevOps standards across the engineering organization.

### Full-Stack Developer

October 2021 – April 2022

*Digitalent — Casablanca, Morocco*

- Ran delivery of the MIA AI Engine migration to Nuxt.js with Server-Side Rendering — halved load times and lifted user retention.
- Oversaw containerized microservices on Flask, Docker, and Kubernetes on Amazon Web Services, sustaining rapid ML-workload scaling.
- Instrumented GitHub Actions CI/CD — compressed release cycles from months to weeks.
- Coordinated LLM-adjacent and ML model integration with AI engineers, unlocking advanced predictive features for end users.

### Full-Stack Developer

October 2020 – October 2021

*Devcorp — Casablanca, Morocco*

- Shipped custom web applications (Laravel, Nuxt.js, MySQL) that lifted client operational efficiency 30%.
- Rolled out role-based authentication and data encryption, aligning applications with industry security compliance.

### Full-Stack Developer

December 2019 – October 2020

*Hsabati — Casablanca, Morocco*

- Built CRM/ERP SaaS platforms for 200+ business clients — simplified workflows and lifted adoption.
- Laid the modular architecture and API seams that sustained rapid feature expansion and long-term scale.

## EDUCATION

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### Master's Degree, Computer Software Engineering

July 2019 – May 2020

*Université Hassan I — Casablanca, Morocco*

Canadian equivalency: Master's degree (World Education Services / WES assessed)

### Bachelor's Degree, Computer Software & Web/Multimedia Applications

August 2017 – May 2018

*Université de Bordeaux — Bordeaux, France*

## CERTIFICATIONS | LANGUAGES

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Microsoft Certified Professional (MCP) | English (Fluent) | French (Fluent) | Arabic (Native)