



# BASSEL AL DAOUDI

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## SUMMARY

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Dedicated and results-driven **AI & Digital Transformation Expert** with 19 years of experience in **Smart Solutions, Enterprise Architecture, and Digital Transformation**. I specialize in **AI, Cloud Computing, and Software Engineering**. I have a proven track record of building and leading high-performance teams while scaling operations by identifying market trends and internal capability gaps. My expertise lies in leveraging **cutting-edge technologies** to **drive digital innovation** and enhance business outcomes.

As a **Certified AI Transformation Leader (CAITL™)**, I have successfully led **AI-driven automation initiatives, integrating advanced AI models** to optimize processes, improve scalability, and enhance operational efficiency. I work closely with C-level executives and stakeholders to define and execute technology roadmaps accelerating business growth. With deep expertise in **AI implementation, Cloud Architecture, and Digital Strategy**, along with certifications in **Agile, DevOps, and Enterprise Architecture (TOGAF®)**, I streamline operations and drive the next wave of AI-powered transformation in business and technology.

## WORK EXPERIENCE

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### Smart Solutions Development Manager

Apr 2022 - Present

Hamdan Bin Mohammed Smart University, Dubai, UAE

- Spearheaded AI-driven digital transformation initiatives, integrating automation and cloud technologies to enhance operational efficiency.
- Led enterprise-wide adoption of AI and cloud solutions, improving scalability, security, and system performance across university platforms.
- Pioneered the use of Generative AI and Large Language Models (LLMs) in the education sector, enhancing learner satisfaction and faculty efficiency.
- Built and scaled a high-performing tech team, increasing team capacity and aligning skills with market trends.
- Optimized software development processes, reducing deployment cycles through Agile, CI/CD, and DevOps best practices.
- Drove compliance with industry standards and regulatory frameworks, ensuring data integrity, security, and accessibility.
- Fostered a culture of continuous learning and innovation, mentoring engineers and enhancing expertise in AI, cloud, and emerging technologies.

### Senior Software Engineer | Mobile and Web Specialist

Dec 2014 - Apr 2022

Hamdan Bin Mohammed Smart University, Dubai, UAE

- Spearheaded AI-driven digital transformation initiatives, integrating automation and cloud technologies to enhance operational efficiency.
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### Software Engineer | Full Stack

Sep 2010 - Dec 2014

Hamdan Bin Mohammed Smart University, Dubai, UAE

- Developed and deployed custom software solutions, ensuring optimal performance, scalability, and security.
- Gathered technical requirements and conducted platform analysis to align development with business needs.
- Designed and implemented end-to-end system architectures, optimizing backend and frontend integrations for seamless performance.
- Wrote clean, modular, and testable code, following industry best practices to enhance maintainability and efficiency.
- Led software debugging, troubleshooting, and system upgrades, ensuring continuous system improvements.
- Integrated third-party APIs and cloud-based solutions, enhancing functionality and system interoperability
- Conducted performance, usability, and SEO audits, ensuring 100% mobile and SEO-friendly web applications.

### Web Developer | E-Learning Solutions Developer

Sep 2010 - Dec 2014

e-TQM College, Dubai, UAE

- Developed and maintained responsive web applications, improving user engagement and digital accessibility.
- Designed and optimized e-learning platforms, ensuring seamless integration with educational content and interactive features.
- Led the Open Source transformation initiative, accelerating development time and reducing costs.
- Conducted cross-browser testing and implemented UI/UX best practices to enhance usability and mobile compatibility.
- Identified and resolved security vulnerabilities, ensuring compliance with web security standards.
- Collaborated with cross-functional teams to develop custom e-learning tools, enhancing digital education strategies.

## CERTIFICATES

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### TOGAF® Enterprise Architecture Foundation – *The Open Group*

Dec 2024

Validates expertise in Enterprise Architecture principles, strategic planning, and IT-business alignment. Demonstrates the ability to design, implement, and optimize enterprise solutions following industry standards to drive organizational success.

### Certified AI Transformation Leader (CAITL™) – *USAIL*

Jun 2024

Recognizes expertise in AI leadership, strategic AI implementation, and enterprise AI transformation. Validates the ability to manage and optimize AI-driven solutions for business and educational environments, ensuring alignment with organizational goals.

## Generative AI with Large Language Models

Jul 2023

Demonstrate a foundational knowledge, practical skills, and a functional understanding of how generative AI works

## Professional Scrum Master (PSM) – [Scrum.org](https://www.scrum.org)

Apr 2020

Demonstrate a fundamental level of Scrum mastery. PSM certificate holders prove that they understand Scrum as described in the Scrum Guide and how to apply Scrum in Scrum Teams. PSM holders have a consistent terminology and approach to Scrum.

## Deep Learning Specialization

May 2019

Covers neural networks, computer vision, NLP, and speech recognition, providing expertise in AI algorithms and real-world deep learning applications. Develops a strong foundation in cutting-edge AI technologies and their challenges.

## Amazon Web Services (AWS) OTP-AWSD4: Amazon SageMaker

May 2019

Simplifying Machine Learning Application Development and use Amazon SageMaker to simplify the integration of Machine Learning into production applications.

## Google Mobile Web Specialist – [Google](https://www.google.com/certificates/mobile-web-specialist/)

Feb 2019

Validates expertise in Progressive Web Apps, front-end performance optimization, accessibility, and modern JavaScript (ES2015+). Demonstrates advanced skills in web architecture, testing, and debugging for mobile-friendly applications.

## EDUCATION

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### Bachelor of Engineering

[Information Technology faculty](#), Damascus University, Syria

Bachelor of Engineering, Artificial Intelligence Dep., Information Technology faculty.

## SKILLS

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### Leadership & Digital Transformation

- AI & Digital Transformation Strategy
- Enterprise Architecture (TOGAF® Certified)
- Technology Roadmap
- Innovation Management
- Agile & Scrum Leadership (PSM Certified)
- Team Building & Technical Mentorship
- Stakeholder & C-Level Collaboration
- IT Governance & Compliance

### Cloud Computing & DevOps

- AWS Cloud Services
- DevOps, CI/CD, and Cloud Automation
- Microservices Architecture & API Development
- Docker, Kubernetes, Serverless Computing

### Artificial Intelligence & Machine Learning

- Generative AI & LLMs
- AI-Powered Automation
- AI Ethics & Responsible AI
- Predictive Analytics
- Deep Learning & Neural Networks
- Natural Language Processing (NLP)
- AI Infrastructure on Cloud
- Recommendation Systems

### Full-Stack & Software Engineering

- Python, PHP, Laravel, Node.js, MySQL, SQLite
- React, Next.js, Angular, Flutter, Ionic
- API Design, RESTful Services, GraphQL
- Scalable System Architecture
- Performance Optimization