



# BASSEL AL DAOUDI

SOFTWARE DEVELOPMENT MANAGER | SOLUTIONS ARCHITECT | TECH LEAD

## PERSONAL INFORMATION

Address: Dubai, United Arab Emirates

Mobile: +971 55 6004306

Email: [bassel@daoudi.me](mailto:bassel@daoudi.me)

Website: [www.daoudi.me](http://www.daoudi.me)

Dedicated and results-driven Software Development Manager and Tech Lead with a proven track record of leading cross-functional teams in the design and implementation of innovative software solutions. Offering over 18 years of experience in the software development field, I excel in driving projects from conception to deployment while ensuring alignment with business objectives and user needs.

My expertise extends to Agile methodologies, Scrum practices, and the adoption of cutting-edge technologies to enhance development efficiency. With a background in Full Stack development and a deep understanding of generative AI, deep learning, AWS, DevOps and CI/CD, I bring a comprehensive skill set to every project I undertake.

## WORK EXPERIENCE

### Software Development Manager | Tech Lead

2022 - PRESENT

[Hamdan Bin Mohammed Smart University](#), Dubai, United Arab Emirates

- Lead the design and implementation of innovative solutions, ensuring alignment with business objectives and user needs.
- Plan and supervise advanced software development with a focus on smart learning technologies and user-centered design.
- Manage a diverse team of software developers, setting clear objectives, monitoring progress, and ensuring delivery of projects.
- Provide technical leadership and mentorship, fostering a culture of excellence and continuous learning within the team.
- Lead the adoption of new technologies and agile practices, including CI/CD, to boost development efficiency.
- Implement robust project management practices, ensuring adherence to deadlines, budget constraints, and quality standards.
- Conduct code reviews and quality assurance processes to uphold high standards in software development.
- Collaborate effectively with cross-functional teams and stakeholders to define project requirements, scope, and deliverables.
- Drive continuous improvement in software development practices, staying abreast of industry trends and advancements.
- Facilitate effective communication and collaboration within the team, ensuring alignment with project goals and expectations.
- Monitor and evaluate team performance, providing feedback and opportunities for professional growth and development.
- Ensure compliance with industry standards and regulatory requirements, maintaining integrity and security of software solutions.

## Senior Software Engineer | Professional Scrum Master | Mobile and Web Specialist

2014 - 2022

Hamdan Bin Mohammed Smart University , Dubai, United Arab Emirates

- Responsible for leading the projects until the deployment phase and developing and customizing software solutions.
- Perform technical requirements gathering, use-case discovery, and platform analysis.
- Architect a technical roadmap that meets business and user needs, balancing time, budget, and quality considerations.
- Led the Scrum team in implementing Agile and Scrum practices to reduce preparation and development times significantly.
- Collaboratively lead the effort to build and deploy the product.
- Provide technical mentorship to both junior and senior engineers.
- Plan deliverables and help teams monitor performance.
- Participate in the Lean-Agile transformation, coaching teams in operations and mindsets.

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## Software Engineer | Full Stack

2010 - 2014

Hamdan Bin Mohammed Smart University , Dubai, United Arab Emirates

- Responsible for gathering user requirements, defining system functionality, and writing code.
- Execute complete software development life cycle (SDLC).
- Develop flowcharts, layouts, and documentation to identify needs and solutions.
- Write well-designed, testable code.
- Integrate software components into a fully functional software system. Troubleshoot, debug and upgrade existing systems.
- Comply with project plans and industry standards and ensure that 100% of features and functionalities are up to date.
- Execute performance, Usability, and SEO audits and ensures that 100% of our portals and websites are Mobile/SEO Friendly.

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## Web Developer | E-Learning Solutions Developer

2007 - 2010

e-TQM College , Dubai, United Arab Emirates

- Responsible for developing and designing websites for the college.
- Work alongside a team of other developers in creating, maintaining, and updating the websites.
- Develop and validate test routines to ensure test cases mimic external interfaces and address all browser and device types.
- Identify problems uncovered by customer feedback, testing, and refer them to appropriate personnel for correction.
- Evaluate code to ensure it meets the standards, properly structured, and compatible with browsers, devices & operating systems.
- Led and enforced the Open source transformation to speed development time by 40% and reduce development costs by 70%.

## CERTIFICATES

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### Generative AI with Large Language Models

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

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### Professional Scrum Master

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.

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### Deep Learning Specialization

The Deep Learning Specialization is designed to prepare learners to participate in the development of cutting-edge AI technology, understand the capability, the challenges, and the consequences of the rise of deep learning. Through five interconnected courses, learners develop a profound knowledge of the hottest AI algorithms, mastering deep learning from its foundations (neural networks) to its industry applications (Computer Vision, Natural Language Processing, Speech Recognition, etc.).

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

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

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### Google Mobile Web Specialist

Requires Developers to pass an online exam on Progressive Web Apps, Website Layout and Styling, Front-end Networking, Accessibility, Performance Optimization and Caching, Testing and Debugging, ES2015 Concepts and Syntax, and Mobile Web Forms.

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### AdWords Search certified

Covers basic and advanced concepts, including best practices for creating, managing, measuring, and optimizing search ad campaigns across the Search Network.

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### Google Analytics certified

The Google Analytics Individual Qualification (IQ) exam covers basic digital analytics and Google Analytics best practices.

## EDUCATION

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### Bachelor of Engineering

Information Technology faculty, Damascus University, Syria

Bachelor of Engineering, Artificial Intelligence Dep., Information Technology faculty, Damascus University, Syria.

## SKILLS

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### MANAGEMENT AND LEADERSHIP

Team Leadership and Development, Agile and Scrum Methodologies, Project Management and Planning, Stakeholder Communication, Budget Management

### BACKEND

PHP, Laravel, Python, Drupal, Moodle, LangChain, Keras, TensorFlow, Pandas, Service Oriented Architecture, REST, MVC, APIs, MySQL and SQLite, Database Management

### FRONTEND

JavaScript/ES6, jQuery, AngularJS, Flutter, Ionic, React/Next.js, Progressive Web Apps (PWA), HTML5, CSS3, Responsive Design, Sass/Less, Browser compatibility expertise

### ADVANCED TECHNOLOGIES

Generative AI & LLMs, OpenAI, Llama 2, Hugging Face, Deep Learning & Machine Learning, Pinecone, Cloud Computing