

# Haythem Brayek

## Senior Software Engineer

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in <https://www.linkedin.com/in/haythem-brayek-33730a10a/>

### PROFILE

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With over 9 years of hands-on experience in software development, I possess unparalleled analytical skills. Capable of managing projects from inception to completion, I have successfully led teams through needs assessment, specification creation, testing, commissioning, and production. My dedication to precision and leadership aptitude reflects a serious and accomplished professional. Currently working as a leading software engineer, I am always excited to tackle new challenges.

### SKILLS

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**Programming Languages** (*JavaScript, PHP, Java, .NET, React Native*),

**Frameworks** (*Loopback, MongoDB, Angular, ExpressJS, Redis, Postgresql, Codeigniter, Laravel, Symphony, Woocommerce, MySQL, Spring, JSF, Hibernate, Prime Faces,*),

**Databases** (*MySQL, Redis, MongoDB, Postgresql*), **DevOps** (*IaC, CI/CD, VCS, Automation and Scripting*)

### EXPERIENCE

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**Mkann Holding**, *Software Development Lead*

Oct 2022 – present | Doha, Qatar

- Served as Technical Lead and Business Intelligence expert for a collaboration with SoundHound, focusing on integrating Voice AI capabilities into multiple systems.
- Developed and presented Proof of Concepts (POCs) to potential clients, showcasing how Voice AI, specifically SoundHound, can enhance their business workflows and drive revenue growth, leading to a 20% increase in client conversions.
- Conducted in-depth market research and analysis to understand the unique needs of each potential client and identified opportunities for Voice AI integration.
- Successfully integrated AI strengths into clients' day-to-day activities, resulting in a 15% improvement in user engagement.
- Spearheaded localization and language compatibility projects, contributing to testing, debugging, and feature enhancement for the SoundHound system.
- Pioneered the creation of new domains for integration within Mercedes's MBUX system, leading the development of messaging functionality, and enhancing car control features such as doors, windows, air conditioning, navigation, music, and phone call functionalities.

**Albidaa Group of Companies**, *IT Manager* ✉

Sep 2020 – Oct 2022 | Doha, Qatar

- Implemented and updated IT procedures and policies to enhance efficiency and compliance.
- Upgraded IT systems and introduced new technologies like NAS and network regulators, resulting in a 15% improvement in system efficiency.
- Orchestrated the launch of a new branch, ensuring streamlined IT operations.
- Introduced a customized ERP system tailored to the organization's specific requirements.
- Designed and delivered training programs and workshops to enhance staff skills and productivity.

- Managed and reported IT budget allocations, resulting in a 6% annual cost reduction in 2nd level expenses.
- Developed and implemented a mobile app-based loyalty program, driving increased customer engagement and satisfaction.
- Led the development of five e-commerce platforms for multiple companies within the organization, resulting in a 20% increase in overall sales and 70% of online sales.
- Managed the biometric system for various physical locations, ensuring secure access control.
- Programmed and enhanced current software solutions using Angular for improved user interfaces.
- Studying the horizontal development requirements for the future business plan.
- Designing the software architecture of multiple projects.
- Researching the market and creating the scope of work
- Working with a team of developers and designers creating market-leading software solutions using Angular
- Developing and Implementing a million Qatari Riyals software solution, creating a sister company
- Designed and developed a prototype app for maintenance services using Flutter and .Net
- established a CRM for the maintenance project with LoopbackJS and Angular 7

**Maven Technologies, Lead Software Engineer** *✉*

Mar 2017 – Sep 2020 | Doha, Qatar

- Interacted with a wide range of clients, designing various systems, apps, and structures for different E-Commerce, ERPs, CRMs, financing, advertising, and technical projects using MEAN stack, PHP, Java, and many JavaScript variants (electronJs, ionic, NodeJs, LoopbackJs...).
- Assisted in front-end development and documentation, UI development, assisted other developers in methodology documentation when needed.
- Supervised several teams of developers and graphic designers through more than 50 projects over 2 years.
- Managed project resources and assigned tasks to my team, with an approximate value of 2.3 million Riyals.
- Gathered requirements using IEEE standard and created an agile development environment.
- Developed a Hybrid mobile application for a real estate agent using Angular components.
- Created RESTful APIs with LoopbackJS, integrating Angular for efficient data processing.
- Linked a MongoDB database through a datasource to both the mobile app and Angular dashboard, optimizing Angular data retrieval.
- Extended a local Business catalogue using PHP and Laravel, incorporating Angular for enhanced user interfaces.
- Generated a Ionic(Angular) Hybrid app for catalog expansion, integrating Angular components.

**Durasell, Software Developer**


Mar 2015 – Dec 2016 | Ariana, Tunisia

- Discussed with the seniors the requirements and the various aspect of the Voice AI
- Designed a Voice Recognition system, its diagrams and the database
- Used the CMU-Sphinx Java library to manage the acoustic dictionary and openXBOW to manage the lexical dictionary
- Used Spring framework and Springboot to create the APIs necessary for the project
- Created 3 web applications for: direct voice recognition, large files voice recognition and Youtube plugin for captions
- Development, operation and maintenance of ASP.NET, JAVA, and Classic ASP, HTML, and Adobe professional form development,
- SQL, Windows server 2003, Windows server 2012, SharePoint 2010 and SharePoint 2013.

- Developed, troubleshoot and implemented new and/or updates to application on ASP.NET server and its SQL database.
- Assisted with site migration from SharePoint 2010 to SharePoint 2013.
- Assisted with websites and web application migration from Windows Server 2003 to Window Server 2012.
- Performed analysis, design and development of the application according to the user requirements

## EDUCATION

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**University of Tunis El Manar,**  
*Bachelor's Degree in software engineering* 

Sep 2011 – Dec 2015 | Ariana, Tunisia

## LANGUAGES

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**Arabic** ● ● ● ● ●

**French** ● ● ● ● ●

**English** ● ● ● ● ●

6.5+ *IELTS Academic*