

JAMAL Abdelkhalek

Software Engineer

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MY PROFILE

With over five years of experience in software engineering, my early fascination with technology led me to build my own computer at 13 and start coding by 15. Specializing in back-end, I've also mastered the full development cycle, including software embedded in machine with an IPC running in a Linux environment with Docker Containers, then Cloud resources with Azure, Function Apps as Backend with .NET and SPA for front-end with Angular. As a Senior Software Engineer, I've excelled in using C# .Net, Microsoft Azure, and DevOps, developing Microservices, IoT Edge Modules, and automating processes with CI/CD pipelines. I'm a team player, eager to learn, and committed to innovation. Leading the IoT Edge part of our project, I guide my team through complex challenges. I'm ambitious, relentless in problem-solving, and ready to contribute to meaningful projects.

WORK EXPERIENCE

Senior Software Engineer

BOBST | Lausanne, Switzerland

2020-Running

Since joining BOBST in 2020, I've grown from Backend Software Engineer to Senior IoT Software Engineer, driving the creation and deployment of innovative IoT solutions that blend cloud-native microservices with embedded software. My role involves writing good quality code, leading technical decisions, pioneering our DevSecOps initiatives, and fostering a collaborative environment through knowledge sharing and mentorship. In 2023, I took on greater responsibilities, becoming the key expert for the IoT Edge Device, where I've set new processes, refined the monitoring of our fleet, and facilitated vendor partnerships (Zededa) for efficient device management. My ambition and perseverance have propelled our team forward, establishing new benchmarks in IoT development and operational excellence.

- Azure, .NET, Angular, SQL, ADX, Cosmos DB, Edge, IoT, ...
- DevSecOps, Agile Scrum, Windows / Linux / Docker

.NET Consultant

Business & Decision | Brussels, Belgium

2019-2020

At Business And Decision from Sept 2019 to Aug 2020, I honed my skills as a .Net Software Engineer, specializing in C# .NET for backend solutions. I embraced DevOps, leveraging cloud CI/CD and expanded into Angular for front-end tasks. My growth was fueled by mentorship and collaboration, enhancing my versatility. I independently developed MVPs and POCs, proving my adaptability. Staying updated on cloud technologies, I ensured my skills stayed relevant and cutting-edge.

- Azure, .NET, Angular, SQL
- DevOps, Agile Scrum, Windows

MY EDUCATION

Bachelor in Software Engineering

EPFC | Brussels, Belgium

Year 2017-2020

MY SKILLS

- Software Development
- Cloud Architecture
- DevOps
- Team Collaboration
- Public Speaking

TECHNICAL

- .NET
- Microsoft Azure
- Database (SQL / NoSQL)
- IaC (native ARM with Powershell)
- Git / Azure DevOps

MY LANGUAGES

- French (Native)
- English (Fluent)
- Dutch (Basic)

MY HOBBIES



Reading



Sports



Coding