Adrien Skrzypczak

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Full-Stack Software Engineer with a Master degree in Computer Science, 11 years of experience in different technologies and an affinity for Back-end and System Design, eager to learn new things and constantly seeking to improve.
I work a lot with C#/.NET and Javascript/Typescript around the Azure Cloud ecosystem, and I already worked with Java, Python and PHP. I'm a fast-learner able to quickly jump into another technology, and I'm currently learning Golang.
I'm also a 4th Dan Kendo enthusiast and teacher who has traveled 8 times to Japan, and is learning the language and the culture.

SKILLS

- C# | .NET | JavaScript | Typescript | SQL | PHP | Python | Go | Java | HTML | CSS | SCSS
- Angular | React | NodeJS | Next.js | Express | xUnit | Jest | Jasmine | SQL Server | Entity Framework | Oracle | MySQL
- Azure | CI/CD | Docker | Kubernetes | Git | Agile | Terraform | Helm
- Languages :   French (Native), English (Business level with TOEIC 975/990), Japanese (Basic, learning with teacher)

WORK EXPERIENCE

Senior Software Engineer   Feb. 2022 – Present
Swiss International Air Lines (Part of Lufthansa)   Basel, Switzerland

- Design, implement, test and release Full-Stack Apps into Azure Cloud infrastructure, following Agile Scrum
- Tech Stack : C# .Net Core, REST API, SQL Server with Entity, Oracle, Angular, Typescript, Azure DevOps & Pipelines for CI/CD, Azure Cloud, SonarQube, Checkmarx, Docker, Kubernetes, Unit testing
- Developed an Invoice archiving system allowing to retrieve documents from different sources, feeding in an approval system with link to SAP, and archiving approved documents in a dedicated system (~10000 documents/day & ~1000 requests/hour)
- Developed a company Cost Control System with Budget planning, Cost contract management, Invoice simulation, Auto-approval of invoices. It allows to compare real invoices with simulated invoices based on contracts to save costs. (managing ~30000 costs contracts, ~60000 invoices per year, saving up to ~1 million CHF per year)

Agile Lead Developer   Jul. 2017 – Jan. 2022
Boomerang Pharmaceutical Communications (Part of Accenture)   Mulhouse, France

- Designed, implemented, tested and released Full-Stack websites and REST APIs for Pharmaceutical and Healthcare industry using : C# .Net Core, SQL Server databases, HTML, CSS, SCSS, JavaScript. Using Azure Cloud and DevOps CI/CD
- Created a portal using React for internal maintenance operations : C# .Net Core, React, REST API, Azure Connection
- Led teams up to 5 developers as Developer Lead, remotely and on-site as Agile Scrum teams.
- Collaborated with Solution Architects to define project structure, and designed project technical specifications.
- Defined and assigned development tasks to the team with follow-up to ensure quality and delivery.
- Provided code reviews and technical support to the developers
- Wrote and validated technical documentations.

Full-Stack Web Developer   May 2015 – Jul. 2017
Boomerang Pharmaceutical Communications   Mulhouse, France

- Developed Full-Stack websites following Scrum for Pharmaceutical and Healthcare industry using :
  C# .Net MVC framework, REST API, SQL Server database, HTML, CSS, SCSS, JavaScript
- Setup of CI/CD with Jenkins, deployment in release process from development through testing then production

Junior Full-Stack Web Developer   Oct. 2013 – May 2015
Groupe Larger Communication (Startup environment)   Sausheim, France

- Created around 20 full-stack websites using : HTML5, CSS3, JavaScript, jQuery, PHP, MySQL, SQL, JSON
- Developed using PHP/MySQL: A private CMS used for 15 clients websites, and an intranet for the company
- Administered the Linux servers (Hosting, IMAP, Security, …) and Domain names.

EDUCATION

TOEIC - Test of English for International Communication : 975/990 **Jul. 2023**

Master of Science, Computer Science **2020 – 2022**
Software & Web development, AI, Network, Systems Design, Databases, Data structures, Cybersecurity Besançon, France

Associate Degree, Computer Science **2011 – 2013**
Web & Software development, Network, Systems design, Project Management Colmar, France