

**Senior Software Engineer
Backend BACKEND
Available ASAP**

SCOPE

Software Engineer; experienced in developing different kinds of applications, such as micro-services based azure cloud applications, restful web applications and winform applications using technologies like C#, .Net Framework, .Net Core 2.1- 3.1, .Net 6, Angular, SQL Server, PostgreSQL, MySQL, kafka, Azure etc. and managing all aspects of software projects from conception to delivery. Well versed with agile SCRUM and SAFE.

TECHNICAL SKILLS

- .NET Framework,
- .NET Core 2.1 to .NET 6,
- C#,
- ASP,
- Angular,
- Knockout,
- Javascript,
- Microsoft SQL Server,
- PostgreSQL,
- Azure cloud,
- Kafka,
- Redis,
- Xunit,
- Nunit,
- SpecFlow,
- DDD,
- TDD,
- Language Integrated Query (LINQ)
Entity Framework,
- Winforms,
- Rest Apis,
- swagger,
- microservices,
- docker

EDUCATION

- 2015 – 2017** **Master 2, Computer Science**
ENSIMAG (National School of Computer Science and Applied Mathematics of Grenoble)
- 2014 – 2015** **Master's degree, Computer Science - Erasmus**
Université Lumière Lyon 2

LANGAGES

- **French & English** : Professional
- **Urdu, Hindi, Pashto** : Bilingual

WORK EXPERIENCE

Mar 2022 – Nov 2022 : Software Engineer - AViSTO for Amadeus

Context : I recently finished this mission as a consultant for Amadeus IT. Amadeus is number one in booking systems for airlines and hospitality industry. In this mission I worked as a .net software engineer on the property management system (PMS) for hotels. The PMS is used to manage the hotel reservations and the entire hotel inventory.

Technical stack : C#, .Net Framework and .Net 5, Entity Framework, Redis, SQL Server, Azure cloud, Azure devops, Angular, Knockout, Specflow, NUnit etc. I worked mainly on the backend and also worked on the front end from time to time.

Jul 2019 – Feb 2022 : Software Engineer - AViSTO for Schneider Electric

Context : Worked as a consultant software engineer for Schneider Electric France. Schneider Electric is the best in business when it comes to digital transformation, energy management and industrial automation. I worked in a scrum team under the umbrella of a Scaled Agile Framework (SAFE) program, on an IOT project. The project was part a program which was aimed for automation, analytics and business intelligence of the industrial data. I worked mainly as a backend developer developing the backends of different microservices using c#.net core. The architecture we used was based on the microservices, comprising of almost 12 microservices. We developed our services in .net core 2.1 and then we migrated to .net core 3.1. I also worked a little bit on the front end using Angular 8. For the devops we used Azure devops.

Technical stack : C#, Asp.Net Core 2.1, 3.1, REST APIs, SQL Server, PostgreSQL, xUnit, microservices architecture, Entity Framework core, Microsoft Azure Cloud, Azure devops, Kafka, ELK, ANSI/ISA-95 model for industrial automation, docker, kube, gitflow, TDD, DDD, SAFE, Scrum, Lens etc.

Feb 2019 – Jul 2019 : Software Engineer - AViSTO for Nice Airport

Context : In this role I worked as a consultant software engineer for Nice Airport. I was part of a SCRUM team which developed the CRM solution for Nice Airport.

Technical stack : C#, .NET Core web API, Reactjs and MS SQL Server. I mainly worked on the backend part of the project which consisted of designing the database for the CRM and then creating a Restful api using C#.NET core 2.1. The CRM solution will revolutionize the way Nice Airport manages its relationships and interactions with the customers and will increase not only the customer satisfaction but also the overall efficiency and hence profitability.

Sep 2018 – Jan 2019 : Software Engineer - AViSTO Internal

Context : Participated in the development of an R&D project named Karlab. Karlab helps drivers to interact with their vehicles in an innovative way. I worked on the backend of the project.

Technical stack : C#.Net.

Worked on an internal project which was aimed to manage the whole recruitment process for Avisto. The project was developed in Java (Spring boot), angular and postgresSQL. I worked on the backend of the application.

Sep 2017 – Aug 2018 : Software Engineer - AViSTO for Median Technologies

Context : Worked for Median Technologies as a consultant, who is a leader in the imaging phenomics. Median provides the next generation medical image processing solutions, which not only help the medical practitioners to identify and treat diseases at their earliest stages but also the pharmaceutical industries to innovate and evolve the treatments. In the list of amazing Median's products, one is the Lesion Management Solution (LMS) product. In the LMS the interactive medical image viewer is of crucial use. The practitioners use this viewer to analyse imagery, identify and manage the lesions and compare different set of results over a time period. I worked in a scrum team on this viewer.

Technical stack : full stack of technologies including C#, ASP.NET Web API, Javascript, JQuery, Bootstrap, Stylus, Meteor Framework, Cornerstone, Oracle, Git, Jira etc.

Feb 2017 – Aug 2017 : Software Developer - SAP Paris

Context : SAP is a leader in the ERP market. In SAP I worked with a team on SAP BusinessObjects Analysis for Microsoft Office product using C# .NET and related tools. This product is used to gain insight into business data and make intelligent decisions that impact corporate performance. It consists of the three components: Analysis Plug-in, EPM Plug-in and BPC Plug-in. My mission was enabling the user to customize the task panes of these plugins. Which I completed successfully.

This will allow hundreds of users to customize the application as per their usage needs and hence to make efficient and profitable business decisions.

Apr 2016 – Oct 2016 : Intern Project Manager + Developer - BCM Energy Lyon

Context : Performed the business analysis and project management for the company's valuable IT projects. These projects help BCM Energy generate millions of Euros. Used a project management system and GitHub for this purpose. Worked on a data warehouse using MySQL and developed an ETL application based on Trayport GlobalVision API (CIMD, ICAP, SPECTRON, GFI) using C#. This application assists company to take profitable positions in the very dynamic energy market. Developed a PDF to Excel file converter, using C#.NET.