



Rigers Ramushi

SOFTWARE DEVELOPER

Profile

Experienced software engineer with expertise in designing and developing complex distributed systems using modern technologies such as DDD, microservices, and microfrontends. Skilled in building modern single-page applications using React-Redux, SignalR, and TypeScript, with a focus on performance and maintainability. Proficient in utilizing NoSQL databases and implementing CQRS/Event Sourcing patterns to ensure data consistency and scalability. Adept in integrating systems using Enterprise Service Bus and implementing Saga patterns to manage distributed transactions. Well-versed in Azure Apps/Functions, Docker, and Webpack to build and deploy scalable applications. Strong expertise in developing and executing unit and functional tests to ensure high-quality code. Experienced in using Elastic Search to improve search capabilities and user experience.

Employment History

Software Developer, Atrax

MARCH 2021 – MARCH 2023

As a Software Developer at Atrax, I worked with a diverse set of technologies to design, develop, and deploy high-quality software solutions.

Key Technologies I've Worked With:

- **ASP.NET Core:** Developing modern, scalable web applications using the ASP.NET Core framework.
- **MySQL & SQL Server:** Designing and managing databases to ensure efficient data storage and retrieval.
- **Azure & AWS:** Deploying and managing applications on cloud platforms, leveraging various services for scalability and performance.
- **CI/CD Pipelines:** Implementing continuous integration and continuous deployment pipelines to streamline the development process.
- **Node.js:** Building server-side applications and APIs with Node.js for robust back-end functionality.
- **React.js & Angular:** Developing dynamic, responsive, and high-performance user interfaces using React.js and Angular.

In this role, I collaborated with cross-functional teams to deliver innovative software solutions that meet our clients' needs, ensuring high standards of quality and performance.

Software Developer, IkubINFO, Tirana

JUNE 2015 – OCTOBER 2021

As a Software Developer at ikubINFO, I have been responsible for designing, developing, and maintaining web applications using a range of technologies to deliver high-quality software solutions.

Key Technologies I've Worked With:

- **ASP.NET:** Developing robust and scalable web applications using the ASP.NET framework.
- **SQL Server:** Designing and managing databases, ensuring efficient data storage and retrieval.
- **Redis:** Implementing caching strategies to enhance application performance.
- **HTML:** Creating structured and semantic web content.

Details

Tirana
Tirana, 1000
Albania
+355685492121
rigersramushi1994@gmail.com

NATIONALITY

Albanian

DRIVING LICENSE

B

DATE / PLACE OF BIRTH

20.02.1994
Tirana

Links

[Linkedin](#)

[EasyLend](#)

[GitHub](#)

[Nuget package published](#)

Skills

MySQL

DDD: Domain-driven design

Microservices: Designing and developing microservices
Scalable microservices architecture RESTful API development

Microfrontend: Building microfrontends Microfrontend architecture

Modern SPA development:-
Building single-page applications (SPAs) React-Redux development
SignalR development TypeScript development

NoSQL: Designing and implementing NoSQL databases
Data modeling for NoSQL databases NoSQL query optimization

- **CSS:** Styling web pages for an attractive and responsive user interface.
- **JavaScript:** Developing dynamic and interactive front-end functionality.
- **React:** Building modern, responsive, and high-performance user interfaces.
- **Active Directory:** Integrating and managing user authentication and authorization.
- **SharePoint:** Developing and maintaining SharePoint sites and solutions for collaboration and content management.

In this role, I have worked collaboratively with cross-functional teams to deliver cutting-edge software solutions that meet our clients' needs. My ability to work independently and as part of a team has been crucial to my success.

Software Developer, Ritech, Tirana

JUNE 2023 – PRESENT

As a Software Developer at Ritech, I have worked with a variety of technologies to develop and maintain high-quality software solutions.

Key Technologies I've Worked With:

- **ASP.NET MVC:** Developing robust and maintainable web applications using the ASP.NET MVC framework.
- **SQL Server:** Designing and managing databases to ensure efficient data storage and retrieval.
- **Active Directory:** Integrating and managing user authentication and authorization.
- **AWS:** Deploying and managing applications on Amazon Web Services, utilizing various cloud services for scalability and performance.
- **Bitbucket:** Using Bitbucket for source code management and collaboration through version control.
- **Quartz & Hangfire:** Implementing and managing background job processing and scheduling with Quartz and Hangfire.
- **SSIS (SQL Server Integration Services):** Developing and maintaining ETL processes for data integration and migration.
- **SSRS (SQL Server Reporting Services):** Creating and managing reports for data analysis and business intelligence.

In this role, I have collaborated with cross-functional teams to deliver innovative software solutions that meet our clients' needs, ensuring high standards of quality and reliability.

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Software Developer, Lugano, Tirane

OCTOBER 2012 – JUNE 2015

Technical Skills

- **Languages:** C#, JavaScript, HTML, CSS
- **Frameworks and Libraries:** .NET, jQuery
- **Tools and Technologies:** Visual Studio, Git, SQL Server
- **Web Development:** Responsive design, cross-browser compatibility, front-end development

Projects

Web Application for Employee Management

- Developed a web application to manage employee data using .NET for the backend and jQuery, HTML, and CSS for the frontend.
- Implemented CRUD operations, authentication, and user role management.
- Improved application performance and user experience through optimized code and responsive design.

CQRS / Event Sourcing:-
Implementing CQRS patterns
Implementing Event Sourcing patterns
Data consistency and scalability in distributed systems

Elasticsearch: Implementing
Elasticsearch for search capabilities
Improving search performance and user experience

Enterprise Service Bus:-
Integrating systems using ESB
Managing distributed transactions using ESB

Azure Apps / Functions:-
Developing Azure Apps
Developing Azure Functions
Deploying scalable applications on Azure

Docker: Containerization of applications using Docker
Deploying applications using Docker

Unit & Functional tests:-
Writing and executing unit tests
Writing and executing functional tests
Ensuring high-quality code through automated testing

Planning, implementation and testing SharePoint Server 2013, SharePoint Server 2016, SharePoint Server 2019 enterprise systems.

Web Application with ASP.NET, ASP.NET MVC 4 and 5, ASP.NET Core Web Api

Database SQL Server, MySQL Entity Framework 5 and 6 etc

Developing and maintaining Web Services

Creating Reports with Report builder, SQL Reporting Services, ASP.NET etc

TFVS/Git and Jira project/tasks management (agile/scrum).

TFVS/Git for source code control

SignalR, Hangfire, OLTP Database

E-commerce Website

- Contributed to the development of an e-commerce website as part of a team, focusing on the frontend using jQuery, HTML, and CSS.
- Collaborated with backend developers to integrate APIs and ensure seamless data flow.
- Enhanced the website's user interface and user experience, resulting in a 20% increase in user engagement.

Education

Bachelor in Informatics, University of Tirana, Tirana

OCTOBER 2012 – JUNE 2015

Master of Science, University of Tirana, Tirana

OCTOBER 2015 – MAY 2017

Projects

JUNE 2023 – PRESENT

Ritech 2023 - Present

- I was part of the development and integration of Comply system in New York. ComplySci's scalable and sophisticated platform enables firms of all sizes to accurately and effectively monitor and mitigate compliance risks associated with employee trade monitoring, MNPI, and more. A project built using Asp.NET Core Web api in BE and Vue.js in FE. Usage of Sql server, SSRS, SSIS and Agile methodology of project management.

Atrax 2022 - 2023

- I was part of the development and integration of Quitter app, a mobile application used for quitting smoking. Implemented a scalable and maintainable software system using Domain-Driven Design (DDD), Command and Query Responsibility Segregation (CQRS), and Azure Service Bus. Collaborated with the team to identify the core business concepts and behaviors, and modeled them using DDD principles. Separated the commands and queries using CQRS, and leveraged Azure Service Bus to ensure reliable messaging between the components. Worked on implementing asynchronous message processing using Service Bus queues to improve system performance and scalability.

Atrax 2022 - 2023

- I was part of the development and integration of Dextrio, a HR management system built as a product from Atrax, in the role of Team Leader. Created different functionalities using ReactJS, NestJS, configuring automatic CI CD pipelines in Azure Devops, built infrastructure in Azure. Used redis as cache management.

Atrax 2022 - 2023

- I was part of the development and integration of RetentionAI, a marketing system in Italy, part of ByTek, Datrix Group. Created different functionalities using Azure Functions, ReactJs (Microfrontend architecture) and migrating from Blazor to ReactJS,

Used Enterprise Service Bus as message broker in BE.

Atrax 2021 - 2022

Windows Server management
(2016 – 2019), Active Directory

React Js

.NET

Nest Js

React Native

Hobbies

Volleyball, Gym, Cycling, Reading

Languages

Albanian

English

Italian

French

- I was part of the development and integration of Azure Active Directory identity provider in Tim internal system Italy. Which is a web application for managing Tim mobile system. Created different functionalities using Asp.NET MVC, Ado.NET etc. FE was built on Razor.

Atrax 2021 - 2023

- I am part of the development and integration of Easylend System Israel. Which is a web application for managing the dynamic creation of flows, based on different business scenarios. Created different functionalities using Asp.NET Core Web Api, Entity Framework etc. Design pattern used (DDD), using unit of work as repository pattern. FE is built on Angular.

Atrax 2021 - 2021

- I was part of the development and integration of Booknlive System Israel. Which is a web application for managing the reservations of hotels in Israel. Created different functionalities using Asp.NET Core Web Api, Entity Framework etc. Design pattern used (DDD), using unit of work as repository pattern. FE was built on Angular.

Wrote Unit & Functional tests for the system.

IkubINFO 2020 - 2021

- I played a role in developing and integrating the Rai Internal System for Italy, a web application dedicated to overseeing daily broadcasting operations at Rai. Additionally, I contributed to crafting a web application tailored for hotel reservation management in Israel. Both systems were revamped with modern technology stacks, employing .NET for the backend logic and ReactJS for the frontend interface, ensuring streamlined operations and enhanced user experiences.

IkubINFO 2019 - 2020

- I was part of the development and integration of AKEP Number Portability System Albania. A comprehensive application management platform, built on Biztalk Server 2016 and implemented for the management of number portability between Albanian communication companies.

IkubINFO 2019 - 2020

- I contributed to the development and integration of an Application Management System (AMS) for Albania. AMS is a robust platform for application management, reimagined with modern technologies. Leveraging .NET as the backend framework and ReactJS for the frontend, the system is designed to streamline operations for government institutions. Acting as the backbone for e-Albania applications, it offers a seamless and intuitive user experience, ensuring efficient management and accessibility.

IkubINFO 2018 - 2019

- I was part of the development and integration (Team leader) of Dap Collaboration System Albania. A comprehensive collaboration and knowledge platform built on SharePoint Server 2016 and implemented for government institutions to organize, store and publish their documents securely in a centralized system. A centralized software application which serves two logically separate, but not necessarily disjoint functions: public portal and intranet portal.

IkubINFO 2017 - 2018

- I was part of the development and integration of HRMIS System Albania (HRMIS). Which is a web application for managing the Human Resources and Financials of Department of Public Administration in Albania. Created different functionalities using Web forms, Custom controls, WCF-s, Entity Framework etc, Hangfire, SignalR, OLTP databases. Created different procedures, jobs, functions, views using Sql Server. In FrontEnd using Html5, Css3, Javascript, JQuery and in BackEnd C#.

Certifications

1. Microsoft 365 Certified: Developer Associate

Certification Number: I047-1435

2. Microsoft Certified Solutions Associate: SQL 2016 Database Development(Charter)* Certification Number: H659-3938

3. Microsoft Certified Solutions Developer: App Builder

Certification Number: H063-6033

4. Microsoft Certified Solutions Associate: Web Applications (Charter)*

Certification Number: H042-2885

5. Microsoft Certified Professional: Microsoft Certified Professional

Certification Number: G666-0945

Exams

- MS-600 Building Applications and Solutions with Microsoft 365 Core Services
- 762 Developing SQL Databases
- 761 Querying Data with Transact-SQL
- 487 Developing Microsoft Azure and Web Services
- 486 Developing ASP.NET MVC Web Applications
- 480 Programming in HTML5 with JavaScript and CSS3

References

Uriel Shimony from Easyland Israel

+972542555725

Roland Mai from Coders

+355694302437

Gerti Gjoka from Atrax

+355692146615

Genti Cenko from Infosoft

+355672015700

Tom Harel from Easyland Israel

+972546387005