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OBJECTIVE

Seeking a challenging environment where I will have the opportunity to exploit my potential to its full limits.

EXPERIENCE

March 2022 – August 2022   Danske Bank, Lithuania

Software developer in the Fraud Screening department. Contributed to migration of payments fraud screening functionality to cloud. Improved existing infrastructure.

Technologies used: C#, .NET Core, Microservices, Elastic Stack (ELK), Open Shift, Azure DevOps, Nunit, Moq, Microsoft SQL Server, Docker.

November 2020 – February 2022   NAPA, Finland

Software developer for Fleet Intelligence – In C#: Implemented a Voyage Composer that calculates various performance indicators per voyage, using the reports sent by ships. Made it easy to onboard new customers. In F#: Implemented AWS lambda functions, parsers for client APIs (REST and GraphQL). Set up tools to help developers mantain a high level of code quality. Managed services and various infrastructure components on AWS using Terraform, deployed functionality using Docker on AWS.

Technologies and libraries used: C#, F#, .NET Core, Terraform (for AWS, Datadog), Dapper, Postgres, FAKE build, Angular.
https://www.napa.fi/software-and-services/ship-operations/napa-fleet-intelligence/

August – September 2021 – A Dutch start-up

A small project for a logistics company that allowed the users to schedule deliveries using a calendar, using F# and Fable/React.

October 2018 – October 2020   UNCTAD, United Nations

Software developer for TRAINS Online System – software that integrates real-time and collaborative Non Tariff Measures (NTM) data entry, validation and dissemination into a single online data system. I have implemented the backend functionalities: database modelling and optimization, business rules, validations, in-process messaging. The system consists of three services: frontend, backend and identity. The CQRS pattern is implemented throughout the backend.

Technologies and libraries used: ASP .NET Core 2.x, EF Core 2.x, MS SQL 2017, FluentValidation, MediatR, RabbitMQ, Serilog, Mapster.

Operations engineer: Set up, configured and maintained the CI/CD pipelines and the

software infrastructure using TeamCity and GitLab, Docker, Traefik, Ubuntu, Bash scripts. The system is running on the Azure IAAS.

Frontend developer: Implemented the frontend using Telerik UI for ASP .NET Core and Kendo UI for jQuery, jQuery. SignalR was used for the feedback module.

December 2017 – July 2018   Agiboo B.V., Dutch company

Software developer for the Agiblocks solution, which is used by commodity traders, producers and manufacturers.
Technologies used: .NET 4.0, MS MVC 3.0, Entity Framework, MS SQL 2008, jQuery, Telerik MVC Controls, KnockoutJS.

October 2015 – July 2017   ING Bank, Romania

Software developer for Direct Debit SEPA application. Designed and implemented the import/export from IBM MQ, the SWIFT MT file parser, the validation engine. I have implemented optimizations that reduced the time to process from several hours to less than 10 minutes.
Technologies used: .NET 4.5, ASP.NET Webforms, MS SQL Server 2012, IBM MQ, TPL, JetBrains dotTrace, Akka.NET, StructureMap.
Implemented Continuous Delivery using TeamCity and Octopus Deploy, introduced versioning, release management.

January 2014 – November 2014   SAFER Systems, US Company

Software developer for SAFER One, a web application that contains scenarios modeling for incidents involving chemical releases and spills. Used by chemical, oil and gas facilities and by government agencies. Among others, I have built the PDF report generator, drawing of impacted areas on Google map, scenarios simulations, chemicals management.
Technologies used: .NET 4.5, MS MVC 5, Entity Framework 6, Automapper, MS SQL 2012, jQuery, jQuery UI, KnockoutJS, Telerik Kendo UI suite, Google Maps API.

June 2011 – December 2013   Agiboo B.V., Dutch company

Software developer for the Agiblocks solution, which is used by commodity traders, producers and manufacturers. The solution contains modules for user management, contract management, shipments, invoicing, inventory, risk management, simulations, FOREX, trading positions for dairy products, coffee, cocoa and sugar. Among others, I have implemented the Active Directory integration, the permissions module, the users management module.
Technologies used: .NET 4.0, MS MVC 3.0, Entity Framework, MS SQL 2008, jQuery, Telerik MVC Controls, KnockoutJS.

Software developer of a risk management application for Neumann Kaffee Gruppe – the world's leading coffee trader. I have implemented options and futures management, simulations for P&L and Delta X Lots per position/portfolio, the **Black–Scholes** model to evaluate European style options on futures contracts. The application uses data from Reuters.
Technologies used: .NET 4.0, Web Services, MS MVC 3.0, Entity Framework, MS SQL 2008, jQuery, Telerik MVC Controls, KnockoutJS.

May 2010/March – May 2011   **Software developer** at Brabant Water N.V., Dutch company
Technologies used: MS SQL 2005, .NET 3.5, NHibernate and Web Forms

August 2009 – January 2010   **Software developer** for Synfra

July 2009 – August 2009   **Software developer** for Synfra
Technologies used: MS SQL 2005, .NET 3.5, Castle Monorail web framework, NHibernate, jQuery, Google Maps.

April 2009 – July 2009

Software developer of Veranda Online, an online store for SVK Gevelelementen Benelux BV – a Dutch company. I have created the database design, server side development, integrated the html layout provided by the web designer and the flash "preview" provided by the flash developer. I have integrated also Google Maps and used Google Maps API for distance calculation.

Technologies used: MS SQL 2005, .NET 3.5, Castle Monorail web framework, NHibernate, jQuery, Flash.

October 2008 – January 2009   **Software developer** at Brabant Water N.V., Dutch company

September 2007 – October 2008

Software developer for Synfra. A pilot project used to explore the upgrade of the planning processes used by Synfra. The project was interconnected through web services with the existing Synfra applications and with two external service providers (GoConnectIT and FasterForward).

The project involved development for 6 months at customer location in Netherlands, 's-Hertogenbosch, Tilburg and Arnhem and 8 months at company's office.

I worked together with 3 colleagues and did both development and management tasks.

October 2006 – September 2007

Senior software developer for Synfra. Combiplan is a software for making requests for public utilities (gas, electricity, water, telecom) and managing the projects, used by Synfra, an association of infrastructure companies in the south of Netherlands.

There are 3 interconnected applications built in ASP .NET.
-   I have contributed with code to new modules and massive optimizations (improved code, design patterns, refactorings) to existing modules.
-   I have coordinated a team of 4 developers. I have introduced SCRUM as management methodology.
-   I have created interview tests for new candidates and I have had interviews with the candidates at technical level.

Build engineer:
-   I have introduced in the company Subversion as source control system.
-   I have created a build environment using Nant scripts and CruiseControl.NET to automate 99% of the build for Synfra projects.
-   I have organized the repository to accommodate about 10 projects developed in company and setup automated backups, user management, projects.
-   I have introduced and managed software releases.

Business analyst:
-   I have had discussions with the client side about features they wanted in applications.
-   I have created functional documents describing in non-technical terms what the applications would contain.

March 2006 – July 2006   **Software developer** at Info World SRL

May 2005 – February 2006   **Software developer for the QA Department** at 1 & 1 Romania

November 2003 – May 2005   **Software developer** at CIMS Software Systems

June 2002 – November 2003   **Software developer** at Central Library**,** Academy of Economic

Studies (ASE) – VB6 and Win32 API

IT CERTIFICATIONS

- **Microsoft Certified Professional** – since 2006
https://mcp.microsoft.com/authenticate/validatemcp.aspx Transcript ID: 732309 Access Code: 97bPCM07mZ4

IT SKILLS

- **Software development**: Design Patterns, SOLID, OOP, Refactoring, TDD
- **Programming languages**: C# (advanced), Javascript (advanced), Windows Scripting
- **Technologies**: .NET 3.x/4.x technologies: ASP.NET MVC/WebApi, WCF Windows Forms, ADO .NET, Reflection, Xml, Xslt, VS Automation, P/Invoke, Active Directory Services, WMI
- **Frameworks**: Entity Framework, Castle Project, NHibernate, Kendo UI, jQuery, KnockoutJS
- **Web programming**: HTML, CSS, JavaScript
- **Databases**: SQL Server 2000/2005/2008: database design, T-SQL, stored procedures
- **Unit testing**: xUnit, NUnit
- **Software productivity**: Resharper (advanced), dotCover, dotTrace.
- **Web test automation**: Watin, Selenium
- **Continuous delivery**: Octopus Deploy, TeamCity, CruiseControl .NET, Nant, TFS Build
- **Source Control:** Subversion client and server (installation, administration, usage), Git (beginner), TFS
- **Office**: MS Office (Excel + VBA, Word, PowerPoint)

EDUCATION

2004 – 2006
Academy of Economic Studies (ASE), Bucharest, Master of Science in IT Project Management

1998 – 2002
Academy of Economic Studies (ASE), Bucharest, Management faculty

1993 – 1997
Alexandru Ioan Cuza High-school, Slobozia, Ialomița – Computer Sciences class

PERSONAL

Solution oriented, self-taught, easy and quick learning, independent but also team player, thorough, good sense of responsibility, class B driver's license

FOREIGN LANGUAGES

- English – Able to easily understand, write, have a fluent conversation
- French – Able to easily understand, less fluent conversation
- Dutch – basic knowledge

INTERESTS & ACTIVITIES

- Tinkering with computers, IoT, home automation
- Music: jazz, classical
- Reading: sci fi mostly
- Trekking, biking