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## Yurii B. Solution Architect / .NET Software Engineer/Team Lead

### SUMMARY

- A Software Engineer with over 10 years of development experience in the IT industry;
- Most of experience is related to the .NET platform and C# language, on both client and server-side development;
- Solid experience working with cross-application integrations, Web API, and WCF Services;
- Well-versed in release management on IIS and Azure;
- Strong knowledge of SQL;
- Experience in working with Dynamics 365 and Salesforce CRMs;
- Advanced English;

### SKILLS

<b>Main Technical Skills</b>	ASP.NET, C#
<b>Programming Languages</b>	C++, JavaScript, Python, TypeScript
<b>.NET Platform</b>	ADO.NET, ASP.NET MVC Pattern, Entity Framework, .NET, .NET Core, .Net WCF, SignalR, WPF
<b>JavaScript Frameworks and Libraries</b>	Angular, React, Vue.js
<b>UI Frameworks, Libraries, and Browsers</b>	CSS, HTML, jQuery
<b>Data Analysis and Visualization Technologies</b>	Elastic Search Platform
<b>Databases &amp; Management Systems / ORM</b>	Microsoft SQL Server, MongoDB, MySQL, PostgreSQL, Redis, SQL Server Management Studio
<b>Azure Cloud Services</b>	Azure DevOps, Azure Logic Apps
<b>Web/App Servers, Middleware</b>	Azure DevOps Server (ex TFS Team Foundation Server), Team foundation server
<b>Version Control</b>	Git, SVN
<b>Third Party Tools / IDEs / SDK / Services</b>	Microsoft Visual Studio, OData (Open Data Protocol), SQL Server Management Studio

<b>SDK / API and Integrations</b>	RESTful API, Web API, Winforms
<b>Methodologies, Paradigms and Patterns</b>	SOAP
<b>Operating Systems</b>	Windows
<b>Other Technical Skills</b>	Clickonce, Hg, Lucene, Microsoft XRM, MSMQ, Solr .NET, VSTS, WinServices

## EXPERIENCE

### Senior Full-Stack Engineer, Team Lead, Audit system

8 months (September 2023-April 2024)

**Description:** Audit system for a large Audit Company. Solution designed for auditors to optimize and automate the audit process. Used by employees of different companies to save, analyze, and process information and generate reports and statements.

#### Responsibilities:

- Requirements verification
- Technical Analysis and Design
- Tasks estimation
- Mentoring
- Communication with stakeholders
- Writing technical documentation
- Interviewing
- Team Management
- Development and bug fixing

**Tools & Technologies:** Visual Studio 2015, ASP.NET Core, TFS, React, AngularJS, Angular 2.0, TypeScript, Entity Framework, AWS, Next.js, Nuxt.js, Vue.js. Senior Software Engineer, Team Lead

### Senior Software Engineer, Team Lead, Manager, Clinic management project

1 year (2022-2023)

**Description:** Improve and expand the billing part of the clinic platform, adding other medical features.

#### Responsibilities:

- Requirements verification
- Technical Analysis and Design
- Tasks estimation
- Development and bug fixing



- Communication with stakeholders
- Writing technical documentation

**Tools & Technologies:** ASP.NET Web API, SQL, Azure, Logic Apps, Entity Framework, Redis, RabbitMQ, GRPC.

### **Senior Full-Stack Engineer, Team Lead, Manager, Betsson**

1 year (September 2021-October 2022)

**Description:** development of online gambling products, such as casino, poker, bingo, sports betting and scratch cards.

#### **Responsibilities:**

- Requirements verification
- Technical Analysis and Design
- Tasks estimation
- Development and bug fixing
- Communication with stakeholders
- Writing technical documentation

**Tools & Technologies:** Visual Studio, RabbitMQ, Redis, xslt, MSSQL, GIT, Jira, ASP.NET MVC, TFS, VSTS, Entity Framework, WebApi, DevExpress, DevExtreme, React, TypeScript, .NET MAUI

### **Solution Architect/Technical Manager, Digital Signing Tool**

1 year 6 months (2021-2022)

**Description:** Electronic signature evolution from a corporate luxury into a fundamental business need, and their eSignature solution seamlessly integrates with Dynamics 365. Within the system, users will be able to access the configuration wizard, which will allow the user to authenticate, create an API User token, make calls to get a list of the domains they have access to, and then point the configuration to the specific account they want to connect to.

#### **Responsibilities:**

- Requirements verification
- Technical Analysis and Design
- Tasks estimation
- Mentoring
- Communication with stakeholders
- Writing technical documentation

**Tools & Technologies:** Visual Studio 2015-2017, Dynamics 365, Web API, Azure, Git, ReSharper, Jira, Confluence, Angular, jQuery.



## **Solution Architect/Team Lead/Technical Manager, Data Collector (US Client)**

4 years (2017-2021) - 2 years as a Solution Architect

**Description:** Collecting data, analyzing (machine learning), and generating reports.

### **Responsibilities:**

As a Solution Architect, my responsibilities included:

- Technology selection
- Working on the integration with the existing project
- Following the implementation

Performance was the main task in building search engine solutions. To handle this - accelerated navigation from the user side at times.

### **Moreover:**

- Product architecture
- Requirements verification
- Technical Analysis and Design
- Tasks estimation
- Mentoring
- Communication with stakeholders
- Writing technical documentation
- Interviewing
- Team Management

**Tools & technologies:** Visual Studio, ASP.NET, AWS, TFS, data mapper, React.js, Entity Framework, WCF, Windows Services, MSMQ , Next.js, Nuxt.js, Vue.js

## **Software Engineer/Team Lead, Money borrowing system (US Client)**

1 year 8 months (2015 - 2016)

**Description:** Peer-to-peer lending. The borrower places the loan application, completes the approval process, and collects investments. Creditors invest money into the selected application(s).

### **Responsibilities:**

- Requirements verification
- Technical Analysis and Design
- Tasks estimation
- Mentoring
- Communication with stakeholders
- Writing technical documentation
- Team Management



**Tools & Technologies:** Studio, ASP.NET, Azure (Microservices, Service Bus, Scheduler, SQL), Logic Apps, TortoiseGIT, Perforce, Backbone.js, Entity Framework, WCF, ASP.NET WebApi, Salesforce

### **Full-Stack Engineer, SDC Verifier (Netherlands Client (SDC))**

1 year (2014-2015)

**Description:** The enterprise project is intended to work with Femap. The software provides the additional functionality of calculating stresses and loads to an object and its parts, generates technical documentation with results of calculation, and provides GUI and 3D result visualization. The project is based on Finite elements methods.

#### **Responsibilities:**

- Development
- Tasks analysis

**Tools & Technologies:** Visual Studio 2012, TortoiseSVN, Entity Framework, SharpDX, DirectX9.0, WinForms, WPF, React.js.

### **Software Engineer, Funeral Service (GB Client)**

5 months (2013)

**Description:** Funeral services portal. Compare prices and services of different funeral bureaus, search bureaus in the selected areas, and order selected products.

#### **Responsibilities:**

- Development
- Tasks analysis

**Tools & Technologies:** Visual Studio 2012, TortoiseGIT, Entity Framework, Telerik Web Controls, Google Maps API, ASP.NET Forms, React.js.

### **Software Engineer, CMS (US Client)**

9 months (2013)

**Description:** Custom content management system with the possibility to work offline.

#### **Responsibilities:**

- Development
- Tasks analysis

**Tools & Technologies:** Visual Studio 2012, TortoiseHG, **Elastic Search**, Entity Framework, ASP.NET MVC, HTML, CSS, Twitter Bootstrap, JQuery.



### **Software Engineer, Web Store (GB Client)**

5 months (2012)

**Description:** Online Web Store. Search optimizations, Paypal, and other paying methods integration.

#### **Responsibilities:**

- Development
- Tasks analysis

**Tools & Technologies:** Visual Studio 2012, TortoiseSVN, Entity Framework, ASP.NET MVC, Solr.NET, React.js, Lucene, Telerik Web Controls, Paypal integration API, Google Maps API.

### **Software Engineer, Page application (UK Client)**

8 months (2012)

**Description:** a single-page application for perfect art print.

#### **Responsibilities:**

- Development
- Tasks analysis

**Tools & Technologies:** MS SQL, Azure, .Net Core, Vue.js, Typescript, Nuxt.js, Signal R, Xamarin, and CSS Javascript.

## **EDUCATION**

**M. Sc. Degree in Applied Mathematics and Informatics, Lviv National University**

