

Gyula U.

Overview

Competence Level: L6 (10+ years of experience)

Profile type: Software architect / Technical Lead

Education: 2007 – 2008: Babeş-Bolyai University– Mathematics and
Computer Science Faculty, Master: Master's Degree:
Formal Methods in Programming, Cluj-Napoca,
Romania;

2003 – 2007: Babeş-Bolyai University – Mathematics and
Computer Science Faculty, Bachelor's Degree: Computer
Science, Cluj-Napoca, Romania.

Language skills: Romanian – native language
Hungarian – native language
English – advanced (C1)

Trainings: Training skills gained as a result of holding training
programs on the following themes: MVC, OOP, Unit
Testing, AngularJS, SOLID.
Teaching Software engineering at Babes-Bolyai
University

Certifications: Project Management, 2018, THE KPI INSTITUTE

IT-project experience since: 2007

Professional Experience

Work experience

Jun 2021 – present
Company: Confidential
Role: Delivery Manager / Technical Lead

Sept 2015 – Jun 2021
Company: Confidential
Role: Technical Lead / Project Manager

Oct 2014 - Aug 2015
Company: Confidential
Role: Technical Lead

Sept 2009 – April 2017
Company: Confidential
Role: Software Developer / Technical Lead

Oct 2007 – Aug 2009
Company: Confidential
Role: Software Developer

IT Knowledge

Programming languages: C#, JavaScript, HTML5, Java

Technologies and tools: .Net, JQuery, Git, React, Angular, EF

- Methodologies: Agile (Scum, Kanban), Waterfall
- Atlassian toolchain (Confluence, Jira, Bamboo, Bitbucket)

Project Experience

Project Description:	Migrating projects to latest technologies.
Start / End:	July 2023 – Jan 2024
Industry:	Intellectual property
Technologies:	.Net Framework, .Net Core, C#, Angular , JavaScript, HTML, CSS, Rest API, Mircsosomeservices, SQL, EntityFramework, Electron, SignalR, Loki, Grafana, Serilog
Role Within the Project:	Technical Lead
Tasks:	Creating a migration plan, mitigation, and testing plan. Planning with the client and the team details of the migration and rollout. Upgrade required and auxiliar tooling (ex pipelines) Helping the development team find proper software solutions. Upgrading or/and switching out outdated dependencies. Team management - working with nearshore team members. Work in agile (Scrum) environment.

Project Description: Datacontrol, Telecommunication information and device management portal used by clients and service desk personnel.

Start / End: Jun 2021 – Jun 2023

Industry: Telecommunications

Technologies: .Net Core, C#, React JS, JavaScript, HTML, CSS, Rest API, Microservices, SQL, EntityFramework, OData, Git

Role Within the Project: Delivery Manager/ Project manager / Technical Lead

Tasks: Planning with the client the application features.
Architecting software solutions to the client's needs.
Helping the development team find proper software solutions.
Migrate existing clients to the new platform.
Team management - working with nearshore team members.
Work in agile (Kanban) environment.

Project Description: Reassurance management software

Start / End: February 2018 – Jun 2021

Industry: Assurance and reinsurance

Technologies: WPF with MVVM, modular architecture, DevExpress, TFS, MS SQL, Agile-Scrum

Role Within the Project: Software developer

Tasks: Create underlying data structure;
Implementing service-based business logic;
Creating front-end using WPF and DevExpress tools;
Write unit and scenario test (using Moq);
Team management - working with nearshore team members.

Project Description: AEM based website for one of top 3 energy company in Romania

Start/End: Dec 2017 - May 2019

Technologies: AEM, CSS3, Less, JavaScript, Java

Role Within the Project: Software developer

Tasks: Debug and fix existing components and write new components.

Discuss technical solutions with other team members (near and offshore).

Project Description:	Developing software to monitor patient health information, using machine learning (back-end) to predict crisis stages of the patient.
Start/End:	September 2017 – August 2018
Industry:	Healthcare
Technologies:	Java, Spring Boot, AngularJS, JSON, HTML, CSS, JavaScript, Git, Kanban, Jira, Confluence
Role Within the Project:	Front end developer
Tasks:	Create structure and implementing the web application that needs to be run mainly on mobile devices; Creating front-end using AngularJS best practices; Analyze and process JSON information and represent it in real time graphs on the UI. Team management - working with nearshore team members (on the back-end);

Project Description:	Customer portal for price comparison. Web based application using MVC as a subpart of an enterprise web solution.
Start/End:	September 2015 – December 2017
Industry:	Price comparison and contracting
Technologies:	C#, OpenRasta – RESTful API, NHibernate, AngularJS, Angular, JSON, HTML, CSS, JavaScript, MS SQL, Git, Agile -Scrum, Jira, Confluence, Jet Brains WebStorm
Role Within the Project:	Technical Lead
Tasks:	Create underlying data structure; Creating Restful Web API, transfer data using JSON objects. Creating front-end using AngularJS best practices; Working with continuous development/continuous integration (using GoCD, SonarQube); Write unit and integration test (both back-end and front-end); Taking up the role of scrum master besides technical lead;

Taking part in architectural design (together with system architects);
 Team management - working with nearshore team members;
 Industry: Price comparison and contracting.

Project Description:	Project management for multiple projects with different team sizes (1 to 8). Customers vary from USA, Singapore, Europe, Mali.
Start/End:	June 2016 - December 2018
Role Within the Project:	Project Manager
Tasks:	Estimation and evaluation of upcoming work; Planning of upcoming work; Team management; Client management; Creating RFP (request for proposal); Reporting.

Project Description:	Application based on highly configurable flow for the evaluation process.
Start/End:	October 2014 – August 2015
Technologies:	MVC 4, RESTful services, WEB API, Telerik, SPA (based on AngularJS), JSON, HTML, CSS, JavaScript, Jira, Confluence, Microsoft Azure Cloud
Role Within the Project:	Technical Lead
Tasks:	Team management, technical lead, scrum master, basic project management; Designing/creating underlying data structure; Designing/creating system architecture; Developing front-end/back-end functionalities and feature; Back end was constructed with Rest API that communicated over http with the AngularJS SPA front-end sending JSON payloads. Third level support.

Project Description:	Timekeeping, TimeTracking. Application made to manage time and resources, with a system for approving and various reports. The original application (.Net MVC pure) was extended to use a front-end framework (AngularJS) and some services exposed via web API in order to be
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	consumed by the mobile application. Later it was integrated with the card reading system in order to facilitate its use (the time management aspect). Later updated to communicate with project server. Heavy use of Rest API calls to communicate with all the components via JSON.
Start/End:	May 2013 – September 2016
Technologies:	.NET MVC, Asp.Net Web Api RESTful, AngularJS, JSON, HTML, CSS, JavaScript, TypeScript, SSL, MS SQL, MySQL, TFS, Agile – Scrum, Jira, Confluence
Role Within the Project:	Technical Lead, Team Coordinator, Scrum Master
Tasks:	Designing/creating the underlying data structure and system architecture; Creating back-end using MVC, later extending with Web API; Implementing token-based OAuth; Creating front-end using AngularJS; Integration with active directory and project server. Analyzing and implementing needs of the mobile team (IOS, Android and Windows Phone); Testing and customizing application to clients' needs.

Project Description:	ERP – complex modular desktop application originally written in .Net Framework 2.0, actualized to 4.5
Start / End:	September 2009 – May 2013
Technologies:	C#, Ado.Net, DevExpress, MS SQL, SVN, Waterfall
Role Within the Project:	Software Developer
Tasks:	Software development using OOP; Analysis and creation of new modules for the main ERP; Refactoring old modules; Code and performance optimizations; Extending existing modules with new functionalities; Developing and integrating a barcode reader application developed using .Net Compact Framework for PDAs running Windows CE; Writing store procedures and functions; Bug fixing and support; Creating report with Cristal Reports.

Project Description:	Package manager. Custom application to manage the packaging, transportation, ordering and other logistics related to activity.
Start / End:	October 2007 – August 2009
Technologies:	.NET C#, WPF, Silverlight, SVN
Role Within the Project:	Software Developer
Tasks:	Software development for the reporting component; Software development for the PDA component (shipping and packaging, communication with other wireless devices like industrial scales, ordering and management component for field agents); Developing and integrating a barcode reader application developed using .Net Compact Framework and Compact SQL for PDAs running Windows CE; Implementing offline work for PDA and synchronization with main application after connection is established; Preparing application to pass the Microsoft Gold Partnership standards for ISV solution.
