Dmitry P.

Full Stack Software Developer

GENERAL QUALIFICATION

- Full Stack .Net developer with multidirectional experience;
- Strong understanding of SOLID principles, architectural approaches and development patterns of programming;
- Strong skills in Backend development and knowledge of front-end principles;
- Being a goal-oriented person, ready to solve any challenging tasks;
- Interested in AI and Machine Learning, possess science experience and practical skills.

Backend:	PHP, Java, C++, Delphi, C#.
Backend Frameworks:	Spring, .NET Core, ASP.NET MVC.
Backend Library:	LINQ (.NET), Quartz.
Frontend:	CSS3, JavaScript, HTML5, jQuery, Angular 4.
Frontend Frameworks:	Angular.JS.
Database:	SQL, MySQL.
Version Control systems:	GIT, SVN.
CMS:	Prestashop, Joomla, WordPress.
Base(methodology):	MVC.
Technologies:	AJAX.

EMPLOYMENT HISTORY

- **June 2018 – Present,** Full Stack Software Developer at QArea;
- **October 2017,** .Net ASP MVC developer. Envirotech education. Australia;
- **2017,** Participation in avant-project of air-missile system design;
- **2017,** Senior lecturer of ACS Mathematical and Software Support Department;
- **2016,** Lecturer of combat employment and ACS Application Departement;
- **2016,** Work for Adobe (Adobe Campaign: parser for server).

COMMUNICATION SKILLS

- **English –** Intermediate;
- **Ukrainian –** Native;
- **Russian –** Native.

EXPERIENCE

Plugin for Building Material Visualization Tool

Duration: July 2018 – April 2019.

Description: Project for developing plugin is a plug-in for Autodesk Revit, a program for computer-aided design, the essence of the plug-in is the ability to download 3D models directly from inside the plug-in available.

Role: .NET developer. Mostly Backend developing (ASP. NET, .NET Core, Angular 4; Revit API, Unity for Web GL).

Responsibilities: Create and delivery change requests, implement new fiches, support and optimize code, code review, setup Azure environment.

Team: 5 developers, QA, PM.

Software for managing local internet cafe

Duration: October 2019 – January 2020.

Description: The main goal was in developing software which could gather several different systems in one. System for managing users, time tracking, remote using PCs, with manual and automatic payment system, chat between employees and clients and many other. The whole project was separated for two big parts: MVP and Post MVP stages. Now we are at the finish line of MVP, making fixes and set up of the project.

Technologies: React.JS, Node.js, Figma, .NET Framework, C#.

Role: .NET developer.

LP1

Duration: December 2019 – January 2020.

Description: QArea was asked to develop a fully-fledged SaaS that would allow banks and financial institutions to easily manage loan requests from clients. The solution includes manageable roles and permissions for individual users, sends regular auto-generated reports, has a customizable notification system, and the ability to auto-assign user queries to available bank employees.

Role: Full stack developer (ASP .NET, AngularJS, Razor, Microsoft Reporting service, Send Grid, Mail Chimp synchronization) execute change requests. Create and delivery change requests.;

Team: 2 developers, QA, PM;

Bimsmith User Analytics

Duration: August 2018 – July 2020.

Description: This project is directly aligned with a Google Analytics for the certain defined group of projects.

Technologies: .NET, Angular 2, MySQL.

Role: .NET developer

Mailboxes configurator

Duration: October 2018 – July 2020.

Description: It is a free cloud platform for researching, selecting, and configuring custom BIM product data for Revit and beyond. It consist of two main products: Forge - BIM constructor, and Market - BIM catalogue. Also it includes a lot of microsites and services for different suppliers and engineering needs.

Technologies: C#, Angular 2, .Net, MS SQL.

Role: Backend developer (ASP. NET, .NET Core, Angular 4; Revit API, Azure Queue, Azure storage, Azure Web Job).

Responsibilities: Create Revit plugin for Revit AutoCAD, setup Azure Queue, setup VM, create configurators, implements all cycle of configurations creation.

Team: 5 developers, QA, PM.

Contribution and Loan management application

Duration: June 2018 – October 2018.

Description: CoMaS (SP1), which supports the operations of the Kiribati Provident Fund (KPF). The system is accessible, portable and scalable. SP1 has two portals; a private portal which is only accessible within the organization's intranet and a public portal which is accessible to authorized users via the internet. LP1, which supports the loans and deposits. The system automates the loan process from both, bankers as well as customers' side. Here customers may see various loans provided along with rate of interest and required documents. Both applications support multilingual (mainly English & French) and also conforms to international financial and security standards.

Technologies: C#, JavaScript, HTML, CSS.

Role: .NET developer.

Application programming:
- Program of automated analysis of user interfaces color coding elements;
- Program of automated selection of contrast colours to develop user interfaces;
- Neural network recognition of graphic objects;
- Program of automobile transport movement monitoring by GPS coordinates;
- Program of automated authentication by an iris;
- Programming course of laboratory classes in bringing a weapon to a zero;

- Traffic parser for Adobe Campaign. Parse traffic by HTTPS from Fiddler and classified it by source;
- Designing of requirements to a single time system;
- Development of requirements to the system of databases administration;
- Education portal http://education.envirotech.edu.au/enrolment;
- Tutoring portal http://moteeapp.com/.

I have strong SEO skills. Moreover, there are lots of small sample programs, for instance to increase counters or parsing id LiRu, in my practice. The following IDEs were used: Embarcadero (CodeGear) RAD Studio 2010, 2015, Visual Studio 20105. I am familiar to Embarcadero Studio and used it for automated development of databases.

Web-programming:
- Site http://unity-it.com.ua/;
- Site http://aero-him.com/;
- Site http://ostgroup.info/.

In the present time I learn new technologies, concern myself with problems of informational security, aspects of its practical use, become familiar with new development environments and programming languages, participate in the development of air-missile system on the stage of avant-project.

Electric Documents Management System (EDMS) of Envirotech University (Australia)
Duration: 2016 – 2017.
Role: Full Stack Developer.
Responsibilities: Create and delivery change requests, implement new fiches for university document system.
Technologies: (ASP .NET + AngularJS / Razor, Quartz, Scheduler tasks)
Team: 3 developers, QA, PM.

Development of air-missile system on the stage of avant-project
Duration: 2014 – 2016.
Responsibilities:

- (Designing of requirements to a single time system; Development of requirements to the system of databases administration) Resolve tasks, create documentation, design hardware part, modeling and delivery solution as part of first developing step. Qt, C#, MS SQL, Embarcadero Studio, Math CAD, Math Lab;
- Web-sites (ASP.Net, Razor, Web Forms, Java Spring);
- Health application (Back end developer Java Spring);

Traffic parser for AdobeCampaign
Duration: 2013 – 2014.
- Parse traffic by HTTPS from Fiddler and classified it by source (C#, Fiddler integration, Adobe integration);
- Neural network recognition of graphic objects; (C# Win Forms, C++, Assembler);

EDUCATION

- **2015,** Postgraduate courses for university educators;
- **2015,** Candidate of science (comparable to the Academic Degree of Doctor of Philosophy), specialty Information Technologies (low-speed DoS attacks defense);
- **2012 – 2015,** Postgraduate of mathematics and software of automatic control systems department;
- **2009 – 2012,** Self-education;
- **2008 – 2009,** Kharkiv National University of Radioelectronics (advanced training in C++ programming course);
- **2004 – 2009,** Kharkiv Air Force University (specialist, engineer in automatic control systems).