Aleksandr Efimenko
C# Software Engineer

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Summary

• Over 10 years of experience in developing, implementing and testing information systems, and business solutions.
• Over 5 years of experience in designing, developing, and programming applications, websites and databases;

Skills

Programming: C#/.Net/MVC • Python3
Data manipulation: Microsoft SQL Server • T-SQL • Entity Framework
Tools: Selenium web driver • MSTest • GitHub • Docker • Visual Studio • RabbitMQ
Web: HTML5 • CSS • Razor pages • Bootstrap • WordPress • Vue js
Administration: Windows Server • Internet Information Services (IIS)

Professional Experience

C# Software Engineer | Self-employed

March 2016 – Present (6 years), Saint Petersburg, Russia

Projects:

● **Domain names system:** The system developed from scratch that collects and analyzes information about all domain names in the .ru zone (about 5,000,000 domain names), sorts and indicates potentially lucrative domain names, as well as buys and sells them automatically.
Main duties:
• Design and development of the software architecture. Managing elements of the system, how they fit and work together to fulfil the requirement of the system;
• Installation and integration of modules of the system between each other and with the database;
• Diagnosis, testing, troubleshooting, and resolving issues with the software and the database;
• Development of data models and pipelines for transformation, and storing information about a significant number of domain names;
• Control for effective systems operating, optimization of the software, and integration of changes to achieve software compatibility.
The system includes the following technologies:
• MS SQL database (more than 80 relational tables, more than 20,000,000 records);
• .Net core 3.1 Razor pages web application for managing and monitoring;
• Docker containers (about 10) for collecting data independently from external APIs and parsing websites by Selenium web driver;
• Forms for CRUD operations processed by Entity Framework included in the web application;
• API interface for connecting with the docker containers and transferring data by JSON;
• Dashboard with main metrics;
• Built-in authentication service.

● **Websites development:** Developed several websites as a web developer contractor (as an example: http://fssclub.ru, http://mydocumentooborot.ru, http://mediatek-club.ru).

Applied technologies: CMS WordPress including interactive components and interfaces using JQuery.

IT consultant | Self-employed
Industrial design and engineering company
September 2017 - August 2019 (1 year 11 months), Saint Petersburg, Russia

Accomplishments: Successfully provided advice on information systems issues and modified to customer needs digital document management software for an organization with 100 employees.

Main duties:
• Information support, provision of consultations on the installation and configuration of digital document management "1C Document Management";
• Conducting technical studies at the request of the users on modification and improvement of the system;
• Testing and implementing information systems business solutions, quality control, stability and system availability and updating the information base;
• Implementing maintenance procedures to maximize the efficiency of the information system.

Applied technologies: "1C Enterprise" platform "1C Document Management" • MS SQL Server

Lead Engineer | the Joint-Stock Company "Project Development Institute No.1"
Industrial design and engineering company
May 2015 - August 2017 (2 years 3 months), Saint Petersburg, Russia

Accomplishments: Implemented and modified to customer needs digital document management software for 4 organizations with a number of employees from 20 to 150. This software reduced the average time for approval of documentation within the organization from 7 to 2 days because of role-based routes, made generating new documents more than 3 times faster due to using pre-installed templates, and made searching for a document instantaneous.

Main duties:
• "1C Document Management" setup, maintenance and development business solutions using 1C programming language embedded in the "1C Enterprise" platform;
• Managing, monitoring and maintaining MS SQL Server databases, ensuring database security, stability and system availability. Maintaining databases backup and recovery infrastructure;

Applied technologies: MS SQL Server • "1C Enterprise" platform "1C Document Management"

Technical Support Engineer | FGKU North-West territorial administration of the property relations
Real estate management
December 2010 - April 2015 (4 years, 5 months), Saint Petersburg, Russia

Accomplishments: • Made a significant contribution to increasing the productivity of the organization by proactive monitoring, optimizing and upgrading hardware, software and related computer equipment;
• Implemented and customized digital document management system "E1 Evfrat", which helped the company boost cooperation between all departments and optimized the workload of the staff.

Main duties:
• Research, diagnosis, troubleshooting, and resolving customer issues with software and hardware;
• Maintaintanance and co-ordination local and global networks hardware, software and related computer equipment;
• Installation, maintenance, troubleshooting and upgrading database server hardware and software;

Education

Baltic State Technical University

September 2008 - June 2014, Saint Petersburg, Russia

Degree: Specialist's degree
Qualification by WES evaluation: Bachelor's and master's degree in Engineering
Course of study: Aircraft control systems Engineering

Certifications

"1C Enterprise" platform professional, 2015 • "1C Document Management" professional, 2016 • MS SQL Server Developer 2019 • C# Developer Professional 2020 • Google IT Automation with Python, 2022

Languages

English Advanced, C1 (IELTS: Listening 8, Reading 9, Writing 7, Speaking 7)
Russian Native Speaker