DENIS ZHIVTSOV

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LEAD SOFTWARE ENGINEER

Efficiency-focused problem-solver with advanced skills spanning full-stack software development (with focus on .NET and Angular), solution architecture, project coordination, personnel training and troubleshooting

- 9+ years of hands-on experience in full-stack web development.
- Primary focus on .NET/.NET Core technologies stack and SPA front-end development including Angular.
- Expertise in building projects' architecture from scratch and re-engineering existing solutions aligning business strategy and achieving maximum operational impacts with minimum resource expenditures.
- Success-driven team player with experience of mentoring and leading teams up to 20 people.
- Microsoft Certified Professional with a passion for agile development following TDD, Scrum and Kanban.
- M.S. in Computer Science with strive to learning new technologies and apply their full range of capabilities.

TECHNICAL PROFICIENCIES

- **Back-end:** C#, .NET, .NET Core, ASP.NET Core, WebAPI, WCF, SignalR, Azure, AWS, Entity Framework, Dapper, ADO.NET, LINQ, TPL, xUnit, NUnit, Mono, MassTransit
- **Front-end:** Javascript, TypeScript, Angular, Kendo UI, Gulp, Karma, jQuery, HTML5, CSS3, Less, SASS, Bootstrap
- **Databases and Tools:** MS SQL Server, Oracle, MySQL, MariaDB, MongoDB, Git, Mercurial, SVN, TFS, Visual Studio, ReSharper, Jira, Confluence, TFS, TeamCity, Bamboo, Docker, RabbitMQ

PROFESSIONAL EXPERIENCE

AQR CAPITAL MANAGEMENT, FEBRUARY 2017 - PRESENT
LEAD SOFTWARE ENGINEER / CONSULTANT
- Developed Futures Reconciliation platform, Admin Reconciliation platform and high-load abstraction layer over company's portfolio management and accounting system feeding more than hundred downstream applications.
- Designed extensible meta-driven solution that reduced time for onboarding of new admins, brokers or files by 5 times.
- Closely collaborated with end users to determine business rules and requirements.
- Built loose-coupled architecture using micro services and message queues that simplified development, deployment and scalability of the system.
- Performed full stack development including database modelling, services implementation and front-end development using Angular and KendoUI.
- Fulfilled web services in .NET and .NET Core supporting multiple versions of API.
- Facilitated departmental migration from Angular.js to Angular and developed the template solution for new projects.
- Migrated existing applications to AWS taking advantage of the provided services (Amazon MQ, S3, Aurora, etc...).
- Implemented notifications system with Razor template engine that allowed adding new notification within an hour.
- Enhanced code quality using incisive code review to catch bugs at the review stage.
- Introduced git flow for efficient release management to continuously deliver stable version.
- Headed the development of several projects by the offshore team.
- Evaluated and resolved potential issues at the development phase by developing unit and integration tests.
- As part of company's .NET committee was defining technological strategy regarding .NET, working on shared libraries, providing guidance to projects' migration to .NET Core.
- Took first place at internal hackathon with a system that allows to provide assistance to investors via different communication channels (chat, Alexa, Google Assistant, email, MS Teams, etc...) in generic way using Machine Learning services powered by AWS.
- Participated as a speaker in local .NET meetup with 1.5h presentation on building message-driven solutions with .NET

Key Technologies and Tools: .NET, .NET Core, Entity Framework, Web API, ASP.NET Core, AWS, MassTransit, Angular, TypeScript, KendoUI, Visual Studio, VS Code, Rabbit MQ, SQL Server, Git, Bamboo, Jira.

EPAM SYSTEMS, INC., JANUARY 2016 – PRESENT
LEAD SOFTWARE ENGINEER
- Streamlined the development of loose-coupled event-based project's architecture.

- Guided the development teams of 3-6 specialists.
- Being a single full-stack developer on a project performed core development utilizing .NET and Angular.
- Strategized all data verification and business protocols in conjunction with the FP&A Department.
- Reduced development time and the number of logical bugs for new functionalities by designing and implementing a customizable workflow engine.
- Enacted configurable reports engine that enhanced the reports generation process.
- Decreased the number of runtime errors by introducing TypeScript into the project.
- Provided with accurate estimates for sprints based on the team members' performance.
- Performed code review ensuring maintainability and high quality of the product.
- Conducted interviews of developers for key project positions.
- Mentored and raised developers to Senior level.
- Optimized development processes by introducing UI engineers and assigning them html-slicing responsibilities.

Key Technologies and Tools: NET, ASP.NET Web Api 2, Entity Framework, Hangfire, MassTransit, JavaScript, TypeScript, Angular, Rx.js, SASS, Visual Studio, WebStorm, IIS, SQL Server, Git, Jira, Confluence, RabbitMQ

REVOTECH, AUGUST 2013 – JANUARY 2016
.NET WEB DEVELOPER/TECHNICAL COORDINATOR MARCH 2015 – JANUARY 2016
- Carried out proof of concepts for potential projects utilizing .NET technologies, Azure and Angular.
- Forecasted potential projects and provided technical expertise during their development.
- Trained staff members in Unit Testing, Software Design and Angular.js.
- Interviewed software developers for new and existing projects.
- Decreased operations time by more than 50% by introducing issue-tracking tools for company's business processes.
- Managed company's development resources (20 on-site specialists and several remote teams).

.NET WEB DEVELOPER/TEAM LEAD AUGUST 2013 – MARCH 2015
- Designed the architecture and initiated the development of Dashboards and Transport modules.
- Ascertained requirements and maintained the specification utilizing Confluence.
- Introduced unit-testing practices to reduce the number of issues, SPA for improving user experience, and code-review practices for improving code quality.
- Estimated sprints and managed all the teamwork to produce high-quality code within specified deadlines.

Key Technologies and Tools: .NET 4.5, ASP.NET MVC 4, WCF, MSTest, Oracle, JavaScript, jQuery, KendoMVVM, KendoUI, HTML, CSS, TeamCity, Jira, Confluence, FishEye, Crucible.

ITRANSITION, JULY 2011 – JULY 2013
.NET WEB DEVELOPER
- Developed two projects from scratch being responsible both for front-end and back-end.
- Conducted internal trainings in TypeScript and MongoDB and mentored junior developers.
- Improved performance by using MongoDB for performance-critical parts of the project.
- Implemented single sign-on via ADFS server.

Key Technologies and Tools: .NET, ASP.NET MVC, WCF, Entity Framework, MSTest, NUnit, ADFS, SQL Server, MongoDB, Kendo UI, TypeScript, Javascript, jQuery, HTML, Less, CSS, Bootstrap, IIS, Git, TFS, Jira

SELF-EMPLOYED, JULY 2010 – JULY 2011
.NET WEB DEVELOPER
Developed small websites and desktop applications utilizing .NET, ASP.NET, WinForms, HTML, CSS, Javascript, jQuery.

EDUCATION AND CREDENTIALS

M.S. IN COMPUTER SCIENCE, B.S. IN COMPUTER SCIENCE
Belarusian State University of Informatics and Radioelectronics

CERTIFICATIONS
Microsoft Certified Professional, Microsoft Certified Specialist: Programming in HTML5 with JavaScript and CSS3

INDEPENDENT COURSEWORK
10gen: MongoDB for Developers, 10gen: MongoDB for DBAs