Dmitry Kosarev, software engineer, web developer

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SUMMARY

Dynamic software developer with over 10 years of experience in developing robust applications using C#, JavaScript, and various frameworks. Specialised in creating and optimising both back-end and front-end solutions, including WebAPI development and UI design. Successfully improved test coverage and reduced turnaround times for previous contributions. Committed to leveraging unique skill sets to enhance productivity and innovation in web development projects.

WORK EXPERIENCE

12/2022 – Present Software developer, Individual entrepreneurship / private practice / freelancing Serbia, Novi Sad

Used: Aspnetcore, Nodejs, Reactjs, Nextjs, Efcore, TailWindCss, gRPC, REST, Azure appservice, azureDevOps, Docker, Kubernetes, Redis, RabbitMQ, MongoDB, Xunit, Moq, Substitute

- Engineered DotNet applications using C#, React, RabbitMq, Redis ensuring seamless user experiences.
- Deployed solutions on Azure, leveraging cloud capabilities for enhanced performance.
- Utilised libraries and frameworks including Aspnetcore, Nodejs, and SQL to build robust applications.

04/2021 – 10/2022 Senior developer, EGAR Technology Moscow, Russia

Used: Net Core, PostgreDb, OracleDB, gRPC, Xunit, Substitute, RabbitMQ, Swagger, Efcore, Docker, Jira

- Spearheaded WebAPI development to enhance system integration and interoperability.
- Conceptualised modular components reliant on a centralised library, streamlining workflows significantly.
- Crafted and optimised SQL queries for PostgreSQL and OracleDB to improve database performance.
- Diagnosed and resolved numerous bug-fixing incidents, improving software reliability.
- Augmented test coverage through strategic improvements, fostering higher quality standards.
- Implemented unit tests with xUnit and Substitute to ensure robust software functionality.
- Facilitated planning and estimation processes using Jira to enhance project management.
- Orchestrated CI/CD pipelines for testing and delivering applications efficiently.

09/2020 – 04/2021 Senior software developer, Master spark Moscow, Russia

Used: NET framework, C#, WPF, Modbus protocol, ZedGraph package, nunit

- Developed WPF applications, focusing on user-centric design and functionality.
- Designed software architecture to support scalability and maintainability.
- Collaborated on UI design, ensuring an intuitive user experience.
- Created reusable software components to promote efficiency and consistency across projects.

05/2019 – 08/2020 Web developer,TerraLink Moscow, Russia

Used: NET Framework, C#, SharePoint, MS PowerApps, Office365, Nintex workflow, javascript, jQuery, Bootstrap

- Provided ongoing project support for SharePoint CRM developments, ensuring smooth operations.
- Devised and implemented new features to meet evolving client requirements.
- Provide integration with Office365
- Developed app using Power apps
- Optimised customer resource allocation, resulting in a significant reduction in turnaround time.

| 12/2018 – 05/2019 | Web developer, Impeltech | Moscow, Russia |

Used: .NET Framework, C#, MVC, WebApi, T-SQL, NHibernate, Razor Pages, Swagger, Autofac, OrchardCMS, ELMA BPMS, Javascript, Bootstrap

- Performed both back-end and front-end development using CRM Orchard, MVC, WEBAPI, enhancing application functionality.

| 02/2018 – 09/2018 | Head of the software department, Zeldoripoteka | Moscow, Russia |

Used: NET Framework, C#, MS SQL, ASP.NET, javascript, MVC, Google Maps API, MongoDB

- Established communication channels with business stakeholders to align technology with organisational goals.
- Served as the Database Administrator, ensuring data integrity and availability.
- Designed and developed the company's internal website, improving employee access to resources.
- Collaborated on Windows Active Directory management to ensure secure user access.

| 03/2003 – 01/2018 | Head of Information Protection department, Zeldoripoteka | Moscow, Russia |

Used: Technologies: NET Framework, C#, ASP.NET, VB, MS SQL, MongoDB, CronosPRO, Telerik UI, Vanilla js, Bootstrap, jQuery, Entity framework, ADO.NET, Adobe Photoshop, MS Office.

Developed the following:

- Department report provision in the area of its competence.
- Accounting of correspondences between departments, assignment of responsibilities, and monitoring of implementation. Integrated with MS Outlook.
- Registeration of company office visitors. Integrated with office video surveillance systems. Events tracking of EM Cards using on door readers with electronic locks.
- App for assessments of job candidates
- Several CLI
- Work with database MS SQL, CronosDB (network data model db with Lua client query), MongoDB
- Features for Accounting software (1C)

EDUCATION

| 09/1996 – 05/2001 | Plekhanov Russian University of Economics
Higher | Moscow, Russia |

- Statistics

CERTIFICATION

- DEV235x Asynchronous Programming in C# and .NET Core - Microsoft
- DEV204.3x Algorithms and Data Structures in C# - Microsoft
- DEV258x Data Access in C# and .NET Core - Microsoft
- DART.IMT. C programming - Dartmouth College

SKILLS

C#	SQL	NoSQL
Aspnetcore	Nodejs	CSS
React	Azure	Docker
Kubernetes		

LANGUAGES

| Russian (Native) | English (C1 — Advanced) |

German (A1 — Basic)