Dmitry Kosarev

full-stack developer

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Summary

I have knowledge of .NET C# backend technologies, Nodejs, and React basically, Web UI and TypeScript. There is knowledge of SQL, NoSQL databases. There is code understanding of the fundamental repos of the NetCORE technology. I write any kind of tests using xunit, write SQL code for MS SQL, PostgreSQL, CosmosDB, provide logging with OpenTelemetry, Serilog, caching with Redis, deployment to Azure cloud, use Docker and Kubernenets.

Experience

Senior software engineer

MasterSpark
Moscow,Russia, remote, part-time
Dec 2022 - Present (2,5 yr)

Responsibilities:

- Develop DotNet, Nodejs
- Deploy on Azure

Technologies: Aspnetcore, Nodejs, Reactjs, Next.js, Efcore, gRPC,REST, Azure appservice, azure-DevOps, Docker, Kubernetes, Redis, RabbitMQ, MongoDB, Xunit, Moq, Substitute

Senior web developer

EGAR Technology egartech.ru
customer mkb.ru
Moscow, Russia, full-time, remote
Apr 2021 - Oct 2022 (1 yr 7 mos)

Product: WebApi for online banking. communication by REST, gRPC,WCF with Siebel CRM, OracleDb and PosgreDb, mobile apps.

Responsibilities:

- WebAPI development
- Modules to rely on a centralized library to optimize workflow
- SQL queries to PostgreSQL and OracleDB
- back-end WebService
- Resolved bug-fixing incidents
- Improved the test coverage
- Implemented unit tests using xUnit, Substitute
- Provided planning and estimation using Jira
- Worked with CI/CD pipelines for testing and delivering applications
- Performed code reviews, tracked quality software metrics, and wrote code documentation

Technologies: Net Core, Net framework, SQL, gRPC, Xunit, Moq, Substitute, Swagger, Efcore, Docker, Jira

Senior Software Engineer

Master Spark
partner miet.ru
Zelenograd, Russia, full-time, hibrid
Sep 2020 - Apr 2021 (8 mos)

Product: desktop WPF app for Interrogator device. Interaction via a COM port with a device for studying the state of building structures by an optical method.

Responsibilities:

- WPF coding
- Architecture design
- Participated in UI design
- Developed reusable software components

Technologies: NET framework, C#, WPF, Modbus protocol, ZedGraph package

Sharepoint developer

TerraLink terralink-global.com
customer loreal.com mainly
full-time, hibrid, Moscow, Russia
May 2019 - Aug 2020 (1 yr 4 mos)

- Product: Sharepoint apps for accounting wholesale trade transactions.
- Product: Aircraft Rental Apps are developed for processing contractors' applications.

Responsibilities:

- Project support developed in SharePoint CRM
- Added new features
- Executed operation with Windows Active Directory
- Optimized customer resources and reduced turnaround time
- Developed a library for testing and maintenance of projects
- Optimized performance.
- integration with Office365

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

Web Developer

Impeltech impeltech.ru
customer lockobank.ru
Zelenograd, Russia, full-time, on-site

Dec 2018 - May 2019 (6 mos)

Product: Loan Issue App for processing customer loan applications with ELMA integration
elma365.com

Responsibilities:

- back-end and front-end development (Razor Pages)

Technologies: OrchardCMS, ELMA BPMS, .NET Framework, C#, MVC, WebApi, NHibernate, Javascript

Head of the software department

Zeldoripoteka, subsidiary company of [rzd.ru](rzd.ru)
full-time, total term of work in different positions is 15 years.
Moscow, Russia, on-site, full-time, in-house development
Feb 2018 - Sep 2018 (8 mos)

Project Management app in the construction industry.

Responsibilities:

- Communicated with business
- Acted as a DB administrator
- Developed the company's internal website
- Implemented new features
- Developed SQL queries and stored procedures
- Administered company applications
- Worked on Windows Active Directory
- Administered Windows Server 2008, 2012
- Monitored and administered Kaspersky Security Endpoint

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

Head of Analysis and Information Protection department, software Programmer, security department specialist

Zeldoripoteka
software development combined with duties in security field
Mar 2003 - Jan 2018 (14 yr)

Developed apps for project management, accounting, finance, security.

Most of the following projects were designed from scratch and I was responsible for the entire project, communicating with all office staff who were interested in using the app, documentation writing, setup, and staff training. Added new features during operation.

Products:

- 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
- Feature for Accounting software (1C)

Responsibilities:

- Participated in the whole development process, from initial design up to launching the product
- Led process of problem identification and resolution
- Designed, implemented, and maintained scalable and reliable server-side infrastructure
- Dveloped and implemented RESTful APIs to facilitate communication between the client-side and the server-side
- Changed access rights
- Led the process of problem identification and resolution
- Resolved bug-fixing incidents, implemented new features
- DB design, queries, administration function
- Web Server Administrator function
- Created HTML and ASP page layouts, user interface

- Wrote CSS styles and JavaScript scripts
- Worked with IIS
- Developed and maintained the server-side and client-side of web applications
- Identified and eliminated bottlenecks
- Wrote and maintained technical documentation related to the server-side
- Implemented and maintained data storage solutions and databases
- Preparated xml layout
- Adjusted the image
- Optimized application for maximum speed and scalability

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.

Education

Plekhanov Russian University of Economics

Bachelor's degree, Statistics
1996 - 2001

Certifications

- 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