

MAXIM ZHUKOV

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Microsoft-Certified Azure Architect with 15+ years of IT expertise and in-depth knowledge of the fundamental aspects, methods, and processes of software development. Proven communicator with a unique combination of full-stack development, cloud computing, and performance optimization experience. Expert in designing service-oriented architecture, databases, and high-availability solutions. An analytical professional with a problem-solving aptitude and an ability to effectively analyze complex problems, identify key issues, and develop effective solutions.

CORE COMPETENCIES

- Full Stack Development
- Solution Architecture
- UI/UX Development
- Cloud Computing
- Database Design
- API Development
- Microservice Architecture
- Performance Optimization
- DevOps CI/CD
- Problem Solving
- Pragmatism & Minimalism
- Lover of Technology
- Curious & A Lifelong Learner
- Troubleshooting & Optimization
- Systems Data Migration

PROGRAMMING SKILLS

FRONTEND DEVELOPMENT

React, JavaScript (ES6+), TypeScript, Node.js, Redux, Next.js, Deno, HTML5, CSS, NoSQL, GraphQL, Jest, Vue.js, Webpack, Storybook, Material UI, JWT, OAuth, gRPC, JSON, MongoDB, JAMStack, Electron, MoleculerJS, NX DevTools, RxJS, Axe CLI, N-API, ESLint

BACKEND DEVELOPMENT

.NET Core, REST APIs, Microsoft Azure, Google Cloud, SQL/NoSQL, ASP.NET Web API/MVC, RabbitMQ, Service Bus, Cosmos DB, Neo4j, Swagger, Entity Framework, Dapper, UnityContainer, Serilog, Seq, Azure DevOps, Jenkins, Git

PROFESSIONAL EXPERIENCE

LEAD FRONTEND ENGINEER – Walmart (by [EPAM Systems](#))

FEBRUARY 2022 - PRESENT

- Design and develop a range of custom React components, including buttons, nested select menus, drop-down menus, badges, donut charts, and icons, improving the functionality and stability of the library.
- Migrate a React components library from JavaScript to TypeScript, improving the reliability and maintainability of the code.
- Introduced E2E testing practices to ensure the functionality and integrity of the application.
- Collaborated with product owners, designers, and other developers to deliver the product on an iterative basis.
- Implemented WCAG AA accessibility standards for a unified components library (@axe-core/react, static analysis, axe CLI).

LEAD FULLSTACK SOFTWARE ENGINEER – Schlumberger (by [EPAM Systems](#))

AUGUST 2020 – FEBRUARY 2022

- Developed crucial React UI components and functionality for a cross-platform desktop app using Electron and GraphQL.
- Provided technical leadership to the development team, implementing improvements to the software development process.
- Successfully integrated drilling dump analysis tools into the project with the help of MoleculerJS and Node-API (Node.js).
- Managed client communication, clarified requirements, and provided direction on overall project architecture.
- Implemented a plug-in architecture enabling seamless integration of Native C++ and Python modules with a Node.js server.

LEAD FULL STACK SOFTWARE ENGINEER – Chevron (by [EPAM Systems](#))

DECEMBER 2019 – AUGUST 2020

- Designed and developed an accounting system utilizing .NET Core and JavaScript.
- Ensured delivery of high-quality software through clean coding practices and utilizing test-driven development (TDD), continuous integration, and code reviews.
- Communicated with the client to gather and clarify business requirements and ensure delivery of their desired output.
- Implemented static code analysis and code reviews to enhance software development processes and improve code quality.
- Enhanced a Graph API library with methods for external users' access, ensuring data integrity.
- Performed bundle-size optimization (reduced the output bundle size of deliverables by 30% by implementing lazy loading, modules deduplication, and package replacements).

SOLUTION ARCHITECT – Thomson Reuters (by [EPAM Systems](#))**JUNE 2017 – AUGUST 2019**

- Led architectural and technical decisions to deliver performance, scalable, and high available microservice applications with .NET Core and Azure.
- Provided technical leadership and managed local and remote development teams, which helped to grow the total number of team members from 8 to 20.
- Designed architecture views, maintained up-to-date development documentation, and maintained decision logs and R&D activities.
- Actively communicated with clients to settle requirements, address concerns, demo results, and agree on midterm plans.
- Defined and enriched the scrum backlog, identified and mitigated operational and technical risks.
- Developed high-quality, well-structured, tested, documented, and easy-to-maintain code.

SENIOR .NET SOFTWARE ENGINEER – [Doctor At Work](#)**SEPTEMBER 2016 – JUNE 2017**

- Implemented main platform with ASP.NET WebAPI – provided access to partners, provisioned services to assist communication with doctors from the social network, calculated costs of services and remuneration of doctors.
- Implemented authorization services (using OAuth protocol) and microservices using Quartz.NET task scheduler and Topshelf.
- Created a service bus using RabbitMQ and MassTransit to be used as a means of communication for the distributed system components.
- Developed and launched web applications and services, used TeamCity, wrote PowerShell scripts, and configured Web Deploy.
- Implemented a script describing the logic of the establishment and the behavior of the telephone connection between subscribers in JavaScript for the VoxImplant communication platform.
- Successfully crafted affiliate Web API platform – provided access to patients, such as the company’s mobile application users.

FULL STACK SOFTWARE ENGINEER – [Europlan](#)**SEPTEMBER 2013 – SEPTEMBER 2016**

- Developed automation of department employees’ work with borrowers’ information and executed work database; automated electronic document flow and claim, suit, and complex processing business processes with ASP.NET Web API.
- Guided the development of employees’ personnel assessment and training system to build the best workforce.
- Proficiently executed the integration between systems (automated banking system, docflow system, etc.) with RabbitMQ.
- Established and developed customer requests management system, which supplies customer information and consultations; performed partial and complete repayment processes (integration with automated banking system); created many printable forms such as debt and penalties accounting, balancing statements, inquiries, etc.
- Created a system for automation of vehicle discount processes as well as a discount information database, approving process, and integration with the front office.

ADDITIONAL EXPERIENCEFULL STACK SOFTWARE ENGINEER – [RabotAgent](#)

SEPTEMBER 2012 – SEPTEMBER 2013

FULL STACK SOFTWARE ENGINEER – [State Air Navigation Research Institute](#)

OCTOBER 2008 – AUGUST 2012

EDUCATIONMASTER OF APPLIED MATHEMATICS AND COMPUTER SCIENCE – [Moscow State Technical University of Civil Aviation](#)**TRAINING & CERTIFICATION**Microsoft: Microsoft Certified: [Azure Solutions Architect Expert](#)

2019

Discipline: Exam AZ-300: [Microsoft Azure Architect Technologies](#)Microsoft Certified: [Azure Solutions](#)Architect Expert, Exam AZ-301: [Microsoft Azure Architect Design](#)