**Mikhail Nesterov**

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**PROFESSIONAL PROFILE:**

Accomplished Software Engineer with over 22 years of experience specializing in the development of web based enterprise financial applications. Strong solution-driven architect with solid knowledge of object-oriented approaches, network infrastructure and platform development. Extensive background in the full life-cycle of software development process including: requirements gathering, design, coding, testing, debugging and maintenance. Proven track record of designing and implementing flexible solutions which support frequent UI and functional changes. Extensive experience in working with remote and offshore development teams.

**ADVANCE TECHNICAL SKILLS:**

**Programming Languages and .Net Frameworks:** C#, .Net Core, Web API, MVC, Angular 7 - 18, TypeScript, RxJs, NgRx, Angular CLI, Bootstrap - 4, 5, JQUERY, JSON, Net, Java Script, ASP, ASP.NET, PL/SQL, ColdFusion, VB Script, VB 6, VB.NET, Handlebars, SSIS  
**Web Client Development:** HTML, DHTML, XML, CSS  
**Software Development Disciplines:** OOP/D, UML, Design Patterns, Extreme Programming  
**Database Development and Administration**: MS-SQL 7.0/2000/2005/2008/2012/2014/2016, Oracle  
**Network Protocols:** TCP/IP, UDP, HTTP, HTTPS, FTP, SFTP

**Tools:**  Macromedia Studio, CS, MS Visual Studio 6, MS Visual Studio.Net, VS Code

**PROFESSIONAL HISTORY:**

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| September 2020 – present  MARICOPA COUNTY, PHOENIX, AZ  **Sr. Application Developer**    Analysis, design, development, integration and maintenance of new and existing products and solutions. Responsible for designing, developing, and implementing user interface and business layer components as the Sr. Application Developer.  Angular 9, 10, 11, 12,13, 14, 17 versions, Angular CLI, TypeScript, RxJS, TFS, C#, Net Core 3.1, Net 5, Net 6, Net 8, Web API, JavaScript, HTML, CSS, Angular Material, Ag-Grid, Kendo Editor   * Work with Agile-focused software development teams * Communicate with product owners to understand business requirements, evaluate features, and translate application specifications into workable technical solutions * Leverages the latest industry technologies to enhance current solution patterns and implements new patterns and software development standards with a focus on reusability * Define concepts by analysing user requirements and envisioning system features and functionality * Support technical initiatives and provides input on best practices * Develop resilient, reliable, and scalable solutions * Troubleshoots development and production problems across multiple environments * Ensure high application quality and performance by developing and following unit test standards and participating in code reviews. * Implement EfilingOnline on Angular platform. * Implement Okta Sign In Widget with in Angular application. Implement Okta API with Core API. * Develop ECR Online on Angular platform * Develop EFile portals | | |
| February 2017 – May 2020  WINNING STRATEGIES ITS, NEWARK, NJ  **Web Developer**   * Architect, design, code and develop the custom portal solutions provided to two of the company major clients.   + **Advanta Health**     - Consumer/member portal using the MS Visual Studio Stack and modern Front-End development tools and standards: Visual Studio 2015 | 2017 | 2019, TFS,     - C#, .Net Core, Core MVC, .Net Core Web API, EF Core     - Create Rest services to communicate, create and edit resources     - Angular 7 & 9, TypeScript, Reactive form, RxJs, ng-bootstrap, ngx-bootstrap, Material.     - Create Angular modules, routes, components, directives, services, pipes, and resolvers to get, view and update data. Creating reactive forms. Use RxJs to react for changes.     - HTML5, JavaScript, jQuery, OWIN, TopSchelf and HandleBarsJs.     - TFS for source control, TFS Build, Continues Integration and Continues Delivery.     - Automation of member registration and loading into the client’s portal via a newly develop portal APIs. Develop a system process for member and consumer eligibility. The client’s portal currently offers services to more than one million registered members.     - MS SQL 2014 & 2016. Creating tables, views, procs and functions   + **New Jersey Child Support Agency**     - Develop new Child support registration process (around 300 conditional questions) what allowed the client to provide more efficient and faster access to the applicant information     - C#, .Net Core, .Net Core MVC, .Net Core Web API, EF Core, iText 7     - Angular 7 & 9, TypeScript, Reactive form, RxJs, ng-bootstrap, ngx-bootstrap, Material.     - Create and develop .Net Core Web API. Create middleware and apply security. Use Microsoft identity to manage user access.     - Create Angular application, modules, routes, component, directives, pipes, resolvers, services, and other necessary objects using Angular CLI.     - Create Angular reactive forms to submit date to Rest Web API.     - Use RxJs to react for user changes.     - Create lazy load strategy that loads NgModules as needed.     - Develop a new reporting system using the MS SQL Server Stack: Store Procedures (rather than code logic in the application middle tier), SSIS and SSRS. These new processes have allowed the client’s portal to provide more efficient, accurate and faster access to the data acquired by the portal and to the systems the portal integrates with, along with the ability to provide a prediction engine that the client could leverage for operations efficiency in a near future. Previous report engine took over 12 hours. The new solution provides the information with a few seconds delay.   July 2007 – 10/2016  FIDUCIARY TECHNOLOGY PARTNERS, NEW YORK, NY – STAMFORD, CT  **Web Developer**   * Architect, design, code and manage the organization’s two flagship product offerings (pgfundconnection and donorsphere). These enterprise financial products/solutions are used by non-profit organizations to manage their financial assets and liabilities. These two solutions also allow non-profits’ donors to managed their donation over time as well as to provide a channel for the donors to continue to give contributions to these non-profits. Technology: C#, MVC, ASP.NET, ASP, SQL Server, IIS * Provide on-going technical product enhancements and support for the organization’s product offerings and the organization’s customers. * Implementation and integration of our two enterprise financial products when new customers are acquired. * Build and manage an effective team of IT professionals while acting as a resource for other staff members; allocating daily jobs and workloads to support the organization’s products’ road map and support technical issues with the organization’s customers. * Build and manage internal IT infrastructure for the organization’s office location and internal cloud resources (20 desktops, 15 laptops, 4 cisco routers, 1 cisco telephone switch, 2 file and print servers). * Build and manage an effective web application infrastructure to support our customers by using 12 Microsoft Server 2008, 8 MS SQL Servers, 2 MS SQL Farms, 50+ IIS Web servers, 10 FTP Servers and a variety of software, database and network tools. This web application infrastructure host 25+ enterprise customers * Perform IIS, FTP and SMTP setup and configuration. Managed SSL certificates for all application servers running IIS. Create and set up ODBC connections. * Responsible for Web Application access security and attack prevention, including, but not limited to, sensitive data encryption, SQL injections, Cross-Site Scripting, Inclusion Vulnerabilities, JavaScript Injections, Security Protocols (SSL, TLS), Cipher Suites, Signature Algorithms, etc. * Build and managing infrastructure based on Microsoft Active Directory. * Perform Microsoft SQL Server Farm management and optimization. * Installation and Configuration of MS SQL Servers, service packs and hot fixes. Updates rolled-out from development, integration, QA and production. * Implementation of Microsoft Business Intelligence (BI) platforms including SQL Server Data Tools (SSDT BI), BIDS (SSIS), and Master Data Services in SQL Servers. * SQL database design, architecture, data modelling, data warehousing and analysis skills. * Planning, organizing and managing application development cycles by using waterfall, prototyping, spiral and rapid application development methodologies. * Design and implementation of solutions to integrate our enterprise products’ documents with SAP business reporting for financial transactions * Designing and implementing rich user interfaces using C#, MVC, ASP.NET, ASP, HTML, CSS and AJAX. * Extensive hand-on coding, developing and designing in C#, MVC, Classic ASP, VB.NET, Visual Studio.NET, ASP.NET, ADO.NET, Web Services, AJAX, Win Forms, XML, XSLT, VB, Java Script, SQL, HTML, SQL & T-SQL. * Daily interaction with customers to develop and maintain technology plans that support existing and future customer’s needs.   March, 2003 – July 2007  WINNING STRATEGIES ITS, NEWARK, NJ | | |
|  | **Web Developer**   * Served as a lead developer. Oversee the entire development process for over 120 websites, provide technical recommendations to the functional management team, managed numerous web development and database design projects. * Performed web application development in ASP, ASP.NET, and Cold Fusion. Creating front end and back-end validation by using JavaScript and system resources. Created and maintained numerous DLL for specific needs in web applications. Created and maintained CMS system. * Performed design, maintenance, back-up, restored, shrink and other database system operations. Created and maintained database functions and store procedures. * Lead a developer team in understanding the development, planning and optimization of all programming code * Work with the company’s clients to gather system requirements, provide user support and system maintenance. Made recommendations to clients to improved product development or help client choose best possible development paths * Perform IIS, FTP and SMTP setup and configuration. Create and set-up ODBC connections. Set-up user accounts for windows and data base accounts. * Manage 3 offshore programming recourses (Developers). * Lead a developer team in understanding the development, planning and optimization of all code written * Worked closely with client/brand leaders and producers to ensure the websites created were developed correctly and translate and express their brand intended message * Made client recommendations to improve product development or help client choose best possible development paths * Dedicated to complete time-sensitive promotions and events work while promoting and encouraging a professional atmosphere * Monitored and assessed the code written by other team developer members. Mentored and trained more junior developers | |
| **URL:**   * [www.protectingamerica](http://www.protectingamerica) * [www.protectingcalifornia.com](http://www.protectingcalifornia.com) * [www.njchildsupport.org](http://www.njchildsupport.org) * [www.ultimateeyecandy.com](http://www.ultimateeyecandy.com) * [www.tvchoicenj.com](http://www.tvchoicenj.com) * [www.delamotoday.com](http://www.delamotoday.com) * [www.valleyhealth.com](http://www.valleyhealth.com) * [www.contemporarysurgery.com](http://www.contemporarysurgery.com) * [www.dowdenonline.com](http://www.dowdenonline.com) * [www.rwjuh.edu](http://www.rwjuh.edu) * [www.gonewark.com](http://www.gonewark.com) | * [www.jfponline.org](http://www.jfponline.org) * [www.hormonecme.org](http://www.hormonecme.org) * [www.currentpsychiatry.com](http://www.currentpsychiatry.com), * [www.mayoclinicproceedings.com](http://www.mayoclinicproceedings.com) * [www.mnsnews.org](http://www.mnsnews.org) * [www.smafoundation.org](http://www.smafoundation.org) * [www.boatingchannel.com](http://www.boatingchannel.com) * [www.dowdencme.com](http://www.dowdencme.com) * [www.meadowlandsmiracle.com](http://www.meadowlandsmiracle.com) * [www.wsits.com](http://www.wsits.com) |
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| May, 2002 – February, 2003  CAMBRIDGE BAY LLC, UPPER SADDLE RIVER, NJ | | |
|  | **Software Engineer**   * Created over 15 website templates for real estate companies to develop individual, unique websites hosted in Internet Information Services. These templates were designed with broad and flexible features and capabilities to meet many companies’ needs. * URL: <http://admin.proplogix.com> | |
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| September, 1999 – May, 2002  TURRET TECHNOLOGIES, NEW YORK, NY | | |
|  | **Software Engineer**   * Created over 10+ Websites, along with their corresponding databases and administration tools. * Developed ASP ad Cold Fusion based applications:   + Setup administration sections and created the database in the development and implementation of the “Dowden Image Library” and “Turret Education RAID3 Courses.   + Created the database and client administration area for the development of “Grocereez,” an online supermarket ordering site for several stores around Jersey City. Created on-line applications for customers to enter orders, along with functionality to update the database and generate customer reports.   + Tested and Debugged PL/SQL programs using DBMS\_OUTPUT and a test table. Created several packages with stored procedures, triggers, functions, tables and constraints, views and sequences to implement business logic and enforce data integrity.   + Developed customer/client 24-hour technical support of Dowden’s websites, which involved creating FTP access for customers, importing and exporting data within the various databases, backing up all customer Web sites and generating Web Trends reports. * Lead support for Oracle databases in the research and development environments. | |
| **URL:**  [www.mercywomen.com](http://www.mercywomen.com)  [www.sjmed.com](http://www.sjmed.com)  [www.ehcommunitymedicine.org](http://www.ehcommunitymedicine.org)  [www.pulse.deborah.org](http://www.pulse.deborah.org)  [www.Pathways.mankato-clinic.com](http://www.Pathways.mankato-clinic.com) | [www.jfponline.com](http://www.jfponline.com)  [[www.heart.wehealny.org](http://www.heart.wehealny.org)](http://www.jfponline.com)  [www.obgmanagement.com](http://www.obgmanagement.com)  [www.diabetopaedia.com](http://www.diabetopaedia.com)  [www.valleyhealth.com](http://www.valleyhealth.com) |
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| March, 1994 – July, 1996  BELRUSSIAN NATIONAL RESOURCE CORP, BELARUS, MINSK | | |
|  | **Software Engineer**   * Utilized Oracle 7.3 and PL/SQL for the creation of packages, procedures, triggers and functions. * Developed a methodology for evaluating the maintenance of natural resources in a secured environment. * Lead development of multiple databases to record soil removal and measure conservation. | |

**EDUCATION:**

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| February, 1998 – February, 2000  MBS BUSINESS SCHOOL, BROOKLYN, NY | |
|  | Degree: Advanced Certificate in CIS  Coursework included advanced networking and implementation, business management, remote network administration and security in PC languages. |
| July, 1997 – November, 1998  ASA INSTITUTE OF COMPUTER TECHNOLOGES, BROOKLYN, NY | |
|  | Degree: Certificate in Web Programming  Completed several internal projects in mainframe languages included advanced database design and implementation for multiple financial institutions. |
| September, 1988 – June, 1993  BELRUSSIAN POLYTECHNIC INSTITUTE, MINSK, BELARUS | |
|  | Degree: Master of Science Major: Computer Science  Wrote programs to solve mathematical questions, organizing data and calculating results for projects such as the environmental impact of residential construction located in flood plain regions. |

**REFERENCES:**

Available upon request.