

MYKHAILO BASIUK

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[GitHub](#) | [LinkedIn](#) || Authorized to work in the U.S. (Green Card holder)

PROFESSIONAL SUMMARY

Experienced Software Development Engineer with 13 years of expertise in building scalable, high-performance web and cloud applications for Microsoft, Verizon, 3M, General Electrics, Deloitte and Ericsson. Proficient in .NET, C#, JavaScript, and various front-end and back-end technologies, with a strong focus on cloud integration and microservices architecture. Skilled in leading development teams, optimizing application performance, and driving innovation through modern software engineering practices. Passionate about delivering robust, efficient, and secure software solutions that enhance user experience and meet complex business requirements.

TECHNICAL SKILLS

Languages: C# | JavaScript | SQL | Python

Frameworks/Technologies: .NET Framework | .NET Core | MVC | WebApi | Node.js | Angular | TensorFlow | gRPC

Tools: Visual Studio | SQL Server Management Studio | Git | Azure DevOps | Jenkins | Docker | NPM | Kendo UI

Cloud/Platforms: AWS | Azure | Windows Server | Linux

Industries: Communications | Video | Safety & Security | Audit | Customer Support Software

Other: Microservices architecture | Full Stack Development | CI/CD | RESTful API development | Agile/Scrum methodologies | PowerShell scripting | Splunk (Logs, Reports, Dashboards) | MSMQ | MQTT | OpenSSL

SKILLS

- **Developing Scalable Web Applications:** Designing web applications that efficiently scale to meet the needs of a growing user base.
- **Leading Cross-Functional Teams:** Guiding diverse teams of developers, designers, and stakeholders to build high-quality software development.
- **Optimizing Database Performance:** Enhancing database systems through indexing, query optimization, and schema redesign.
- **Implementing CI/CD Pipelines:** Streamlining the software delivery process by setting up continuous integration and continuous deployment pipelines.
- **Developing RESTful APIs:** Creating robust RESTful APIs that facilitate smooth communication between client and server.
- **Utilizing Cloud Platforms:** Leveraging cloud services like AWS and Azure to deploy and manage applications.
- **Mentoring New Developers:** Providing training to new team members, building a culture of ongoing learning and improvement.
- **Implementing Security Best Practices:** Enforcing security protocols and practices to protect applications and data from vulnerabilities.
- **Debugging & Troubleshooting:** Resolving complex technical issues across the full software stack, improving application stability and reducing downtime.
- **Adopting Agile Methodologies:** Facilitating agile processes like Scrum and Kanban to improve project visibility, and accelerate development cycles.
- **Conducting Code Reviews:** Performing code reviews to ensure code quality, adherence to standards, and optimal performance.
- **Integrating Third-Party APIs:** Incorporating external APIs to extend the functionality of applications.
- **Designing Microservices Architectures:** Creating microservices-based architectures to build modular, scalable applications.
- **Analyzing & Visualizing Data:** Utilizing data analysis and visualization tools to provide insights and support decision-making.

WORK HISTORY

LEAD SOFTWARE ENGINEER | *GlobalLogic Inc. (Client: Verizon)* | Irving, TX | June 2022 - Current

- Leading the development of scalable cloud applications using .NET Core and AWS, optimizing inter-service communication with gRPC.
- Leading migration of database systems to PostgreSQL and Cassandra, enhancing data processing speed and reliability.
- Developing and maintaining Splunk dashboards for real-time log analysis, improving issue detection and resolution times.
- Implementing secure communication protocols, reducing security vulnerabilities and achieving compliance in security audits.
- Working with cross-functional teams to define technical requirements and create high-level software design specifications.

- Mentoring senior developers on best practices, code reviews, and debugging techniques, enhancing team performance and knowledge sharing.
- Managing project timelines and deliverables, ensuring adherence to Agile methodologies and Scrum processes.
- Conducting performance tuning and optimization to handle high-load scenarios for mission-critical IoT services.
- Integrating third-party APIs and developing custom plugins to extend application functionality and enhance user experience.

SENIOR SOFTWARE ENGINEER | GlobalLogic Inc. (Client: 3M) | St. Paul, MN | December 2019 - June 2022

- Engineered full-stack web applications with .NET Core and Angular, creating responsive user interfaces and improving user engagement.
- Collaborated with DevOps to automate deployment processes, enhancing reliability through Azure DevOps and Octopus Deploy.
- Designed and implemented RESTful APIs, improving data exchange efficiency and application scalability.
- Analyzed and resolved software issues across the full stack, improving application stability and reducing downtime.
- Developed unit and integration tests to ensure code quality and maintainability.
- Worked closely with product managers to refine project requirements and deliver high-quality features on schedule.
- Enhanced data storage solutions by implementing caching strategies and optimizing database queries.

SENIOR SOFTWARE ENGINEER | GlobalLogic Inc. (Client: 3M) | Kyiv, Ukraine | February 2018 - December 2019

- Developed high-reliability ASP.NET MVC Web APIs for IoT devices, ensuring uptime and operational stability.
- Enhanced UI components in collaboration with design teams, optimizing for multiple device resolutions and user interactions.
- Designed and implemented custom middleware for enhanced security and logging, ensuring compliance with industry standards.
- Led the integration of CI/CD pipelines using Jenkins and Azure DevOps, accelerating the release cycle and reducing deployment errors.
- Provided technical leadership in architectural decisions, influencing the adoption of new technologies and frameworks.
- Optimized communication protocols to enhance data transmission speed and reliability for low-latency applications.

SENIOR FULL STACK DEVELOPER | Luxoft . (Clients: General Electric & Microsoft) | Kyiv, Ukraine | June 2016 - February 2018

- Led the integration of advanced geospatial data visualization using OpenLayers, improving application functionality for complex data analysis.
- Developed an AngularJS-based tool for content customization, enhancing the global user experience through improved localization features.
- Implemented asynchronous processing using JavaScript and Web Workers to improve application responsiveness and performance.
- Developed custom directives and components in AngularJS, enhancing application modularity and reusability.
- Conducted extensive testing and debugging to ensure high-quality code delivery and adherence to client specifications.

SENIOR FULL STACK DEVELOPER | Infopulse . (Client: Deloitte) | Kyiv, Ukraine | September 2015 - June 2016

- Streamlined report development using OpenXML for custom Excel document creation, enhancing data presentation quality.
- Contributed to backend development using ASP.NET Web API, focusing on performance optimization and security.
- Designed and developed complex SQL queries and stored procedures to support data-driven applications, improving data retrieval times.
- Led the migration of legacy applications to modern .NET platforms, enhancing performance and reducing maintenance costs.
- Developed a suite of automated tests using xUnit, increasing test coverage and reliability of application releases.

SOFTWARE ENGINEER | GlobalLogic Inc. (Clients: Microsoft & Ericsson) | Kyiv, Ukraine | July 2012 - August 2015

- Enhanced application performance by overhauling UI components and optimizing CSS/HTML5 for better user experience.

- Led debugging and troubleshooting across the stack, significantly reducing recurrence rates of critical bugs and improving system stability.
- Developed and maintained build automation scripts, reducing build times and increasing deployment efficiency.
- Participated in code reviews and design discussions, promoting best practices and code quality standards.
- Developed custom data processing algorithms to handle large datasets, improving processing speed and accuracy.
- Assisted in the transition from Waterfall to Agile development methodologies, enhancing team collaboration and project delivery.

DEVELOPER | *Solverlabs (Client: Peoplesoft)* | Kyiv, Ukraine | July 2011 - June 2012

- Supported impact analysis and translation management applications, improving performance and ensuring high service standards.
- Developed and maintained web forms and WCF services, enhancing application functionality and performance.
- Conducted thorough testing and validation of software components, ensuring compliance with client requirements.
- Optimized SQL queries for improved database performance and reduced execution times.
- Assisted in design and development of Silverlight applications, expanding platform capabilities and user engagement.

EDUCATION

Master of Science in Applied Physics

Taras Shevchenko National University of Kyiv | Kyiv, Ukraine |

Bachelor of Science in Physics

Taras Shevchenko National University of Kyiv | Kyiv, Ukraine |