**Nikita Matusevich**

San Francisco Bay Area

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**SOFTWARE ENGINEER**

**SUMMARY:**

* 8 years of software development experience in such areas as e-commerce, virtual events, social networks, algo-trading, insurance, and CRM systems.
* Primarily focused on the complex systems which impact many people, and solve their problems and needs; product-oriented and driven by users
* Experienced in building/hiring and leading a team of highly-skilled professionals.
* Evangelist of best practices, clean and high-quality code, and deep knowledge of the field.
* Strong experience in API development (primarily Node.js and .NET Core), as well as in UI development, using modern web development frameworks and tools (e.g., React.js, Angular, Electrode.io, JavaScript, TypeScript, etc.).
* Expert in making fronted scalable, version-controlled, and unable to break; making the code well-tested by unit-, and e2e-testing.
* Was hired to build a team and migrate a monolith MVP-stage application into a scalable, high-standard, well-maintained, and cloud-based solution.
* Architected and built DigiSign & DigiSign Studio applications, which changed the business direction of the company.
* A fan of the development of the extensions for Chrome & Firefox browsers.
* Got two Quarterly Awards across the whole org in Walmart: the Innovation Award and the Above & Beyond Award.
* Excellent knowledge of the software development life cycle from requirements gathering to programming, testing, and maintenance/support.
* Proficient in configuring, managing, and supporting Cloud Infrastructure.
* Adaptable to new and up-to-date technologies in short terms and do my best to be in the trend of new technologies.
* An ambitious team player with excellent communication, listening skills, and positive thinking.

**TECHNICAL SKILLS:**

Database: PostgreSQL, MS SQL Server, MongoDB and MySQL

Core Programming: JavaScript & C#; Python & PHP

Server Side Programming: Node.js (Hapi.js & Express.js), Socket.IO, Electrode.io, Sequelize,

ASP.NET, .NET Core, SignalR, Entity Framework, Redis, RabbitMQ

Front End Programming: React.js, Redux, Angular, NGRX, RxJS, HTML5, CSS3, JavaScript, TypeScript, Popular CSS Preprocessors (SCSS, PostCSS and other)

Unit-testing: Jest, Karma, Enzyme, Sinon

Load & e2e testing: Selenium, Protractor, CodeceptJS, k6, etc.

Continuous Integration: Jenkins, GitHub Actions, and TeamCity

**EDUCATION:**

MS in Computer Science Belarusian State University of Informatics and Radioelectronics

 Minsk, Belarus.

**WORK EXPERIENCE:**

**Feb 2021 – Present Principal Software Engineer / Lead / Solution Architect**

 Virtual Tables, Inc, New York City, NY (Remote)

**Responsibilities:**

* Built and led the team of highly-skilled full-stack engineers whose main goal is to make autograph signing sessions as ordinary and engaging as real-life sessions.
* Building and testing responsive, consumer-facing, modularized web application using Angular, React.js, TypeScript, HTML5, and SCSS that meets accessibility and cross-browser standards for a website.
* Designing architecture, implementing, and testing distributed, scalable RESTful microservices using .NET Core and C#, communicating with each other using message queueing. Implementing SignalR hubs for real-time communication using the pub/sub feature of Redis as a backplane.
* Modeling database, writing stored procedures, profiling and optimizing queries on MS SQL Server, as well as storing the document-format data at Mongo.
* Led the process of migrating the codebase from a single-server monolith application to a microservice-based, scalable solution.
* Dockerized the whole distributed app stack making it portable and cloud vendor-agnostic; established CI/CD pipelines and monitoring systems for the client and server codebases.
* Migrated the applications to the AWS infrastructure, using the following services: EC2, ECS, ECR, S3, RDS, ElastiCache (Redis), MQ (RabbitMQ), Cloud Watch, etc.
* Participating in business analysis and decisions, architecture decisions, and code reviews.

**Aug 2018 – Feb 2021 Sr. Software Engineer / Lead**

 Walmart Global Tech / Walmart eCommerce, Sunnyvale, CA

**Responsibilities:**

* Making a difference in the eCommerce world with the Catalog team (Item & Inventory).
* A software engineer, mainly dealing with JavaScript, React.js (with Redux, Context API, hooks), Node.js (Hapi.js) and distributed caching systems (Memcached); popular CSS preprocessors, building tools and task runners.
* Implemented sophisticated and efficient solutions for a complex, large-scale, multi-repo-architected application, which has its own UI framework.
* Leading the team of full-stack web developers which builds applications and tools for the internal and external users.
* Making architectural decisions; providing consultation and mentoring to the software development team; communicating with product managers, designers, and other teams; estimating and prioritizing new initiatives based on users and business needs.
* Enhancing and supporting Chrome extension for 2k+ monthly internal users.
* Built the Async File Download microservice platform using socket communication.
* Nominated two times for a Quarterly Award across the whole engineering organization: the Innovation Award (and won this one) and the Above & Beyond Award.
* Responsible for testing: unit-testing (using Jest, Karma, Enzyme, Sinon, etc) and end-to-end testing for Web, API applications, and Chrome extensions (using Selenium, Protractor, etc).

**Oct 2017 – Aug 2018 Full-Stack Web Developer**

 Foto Novelty Inc, New York City, NY

**Responsibilities:**

* Developed REST architecture based web services to facilitate communication between client and servers, using ASP.NET WebApi (C#) and .NET Core.
* Achieved Dependency Injection using Ninject and the native .NET Core DI.
* Implemented text and email messages sending using Twilio and Mailgun.
* Designed and integrated the payment service using both Stripe and PayPal.
* Developed user-friendly, responsive front-end, utilizing Angular, React, and other UI frameworks.
* Administered CI/CD processes using Jenkins and TeamCity.
* Used Microsoft Azure services: Virtual Machines, Blob Storage, etc.
* Have a working knowledge of Redis Cache and Memcache: speeded up an existing application and coordinated events across multiple socket servers with a distributed cache

**Mar 2017 – Aug 2017 Full-Stack Web Developer**

 EDiary Systems Ltd, Minsk, Belarus

**Responsibilities:**

* Worked on the Social Network project for schools, teachers, students, and parents.
* Designed and developed complete front-end using React/Redux, HTML, and CSS.
* Developed ASP.NET WebApi servers for integration with SPA and mobile applications.
* Implemented user token-based authentication (OAuth Bearer Token).
* Implemented the web pages to display real-time information using SignalR-sockets.
* Developed back-end features using the Dependency Injection principle for WebApi controllers, services, and data-repositories using Ninject.
* Built database through Entity Framework using CodeFirst-from-Database approach.
* Implemented website internationalization/localization for 6 languages.

**Sep 2015 – Feb 2017 .NET Developer**

 FP Trade Ltd, Minsk, Belarus

**Responsibilities:**

* Responsible for the development of a C#-based algorithmic trading system.
* Built and back-tested traditional trading strategies, developed "custom indicators" and "custom strategies" as a part of the trading library.
* Implemented GUI for strategies training and back-testing, using WPF and Infragistics.
* Developed Monte Carlo and Genetic optimizers for searching the best trading strategy, experienced in GeneticSharp library.
* Implemented the providers for communication of the trading library with cAlgo/cTrader platform and brokers via FIX protocol (Financial Information eXchange).
* Developed Web Services using the WCF framework for share data with external applications.
* Participated in unit and performance testing, and bug fixing.
* Worked in an agile environment with daily scrums and biweekly sprints.