VLADIMIR SYERIK

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PROFILE

Make it happened. Create and operate highly scalable and reliable applications with various stacks (.NET, node.js, native mobile, php). Build and manage very efficient and happy teams (local, remote, offshore). Help startup business founder bring their ideas to life (MVPs done right from the beginning and fast). Get it done - fast, with high quality, on budget and without stress. Fluent in English, Russian and Ukrainian.

Areas of expertise include	Specialties
• Architecture & Development	• Scalability, performance, availability, resilience, quality, agility
• Scalability & Performance	• Architecture, OOAD. UI/UX Design
• Enterprise, SaaS, Clouds	• Cloud SaaS: Azure, Amazon AWS
• Big Data	• Mobile (Android, iOS)
• End to end solutions	• Node.js
• Polyglot programming	• Big data, batch, real time, Hadoop, Event Stream Processing
• Goals Achievement	• NoSQL, SQL Server, Oracle, PostgreSQL, Redis
• Team Building & Mentoring	• Java, C#, JavaScript, HTML5
• Traditional & Agile Methodologies	• SOA, BizTalk, ESB, Federated Security (ADFS)

EXPERIENCE

CTO. FOUNDER
VLADALEX, LEAGUE CITY, TX — AUG 2014 - PRESENT

Developing a very scalable application in a specific IoT segment with node.js, AngularJS, Kafka, Cassandra, Redis, Storm, Hadoop, iOS (Swift) and Android (Java). Developing a very scalable application in a specific IoT segment. Help business founders to add features to their MVP:
• Quantitative analysis of the quality of the IT threat feeds with Hadoop and Hive
• Strip credit card processing and payments balancing (node.js)
• Responsive Web front-end for the existing iOS app with backend.

MANAGER – SOFTWARE ENGINEERING, MOBILE PLATFORM. SOFTWARE ARCHITECT.
NAVMAN WIRELESS, PLEASANTON, CA — 2011 - AUG 2014

Led and managed product development activities for all mobile platforms, including existing mobile fleet management software and new applications for Windows CE, Android and iOS platforms, including design and development of Android based native Java application. Architected and implemented hybrid mobile client (iPad/iPhone/Android) (http://itunes.apple.com/us/app/onlineavl/id503008765?mt=8&ign-mpt=uo%3D4).

Designed a new highly scalable and resilient device communication infrastructure that can handle 10x number of incoming messages per second comparing to the existing implementation. Designing new data analytical solution based on Hadoop. Designed new web client including Redis-based write & read-through cache and new change management. Developed Silverlight business dashboard with multiple current and trending KPI (http://www.navmanwireless.com/solutions/onlineavl2/dynamic-dashboard). Architected and implemented Event Segments Processor (ESP): high volume real time & batch event stream processing engine based on pattern matching.

Most of these projects were brought to the market at an extremely short time.

CTO / CO-FOUNDER, DBAZA, PLEASANTON, CA — 2010-2012

Developed the application for diabetic education that cuts cost for companies handling patients' education by 10 times. All these were done on a shoestring budget. Built the team distributed around the globe with the help of oDesk.com. Provide consulting service to startups, including design, architecture, technical leadership and development of SaaS cloud based (Win-

dows Azure) applications. Demonstrate how small teams can quickly launch scalable, reliable and high quality applications at a low cost effectively utilizing Open Source Projects (.NET, Java, Node.js), agile processing, TDD and clouds. Delivered both application architecture and working production code. Build real-time data warehouses based on NoSQL storage and asynchronous processing, and Hadoop-based batch processing. Advised on effective adoption of the agile methodologies.

CTO, CO-FOUNDER, LEADGENESYS, SAN FRANCISCO, CA — 2010

Migrated platform to Amazon Web Services (AWS) and .NET 4.0. Implemented new mass email module that provided a higher deliverability rate and improved performance. Designed a new architecture for a high scalability and reliability by utilizing Non-SQL database, asynchronous message processing in Service Bus and SOA; new engaging User Interface based on ASP.NET MVC, client side scripting (AJAX, jQuery) and RIA (Silverlight). Transition to MVC, TDD and TFS (Team Foundation System) in order to improve quality and shorten time-to-market.

SOFTWARE ARCHITECT, ADVICEAMERICA, FREMONT, CA — 2008-2010

Architected solutions for this leading provider of innovative financial planning software; worked with a team of offshore developers. Determined business needs, conceived solutions, visualized, designed and developed appropriate product including proof of concept. Decreased development time for new data adaptors by estimated 50 – 100% through implementation of data integration with external partners utilizing BizTalk server. SOA (Service-Oriented Architecture) integration project based on Federated Security. Architected and proof of concept for line of business application using Silverlight. Reduced capital expenditure by one SQL Server license per tier server through architecture and development of a scalable multi-tier report execution system with fail-over (Report Writer). Architected/developed Plan Monitoring with Business Intelligence functionality. Proof of concept/design/development of Outlook integration/synchronization using Microsoft Synch Framework.

DIRECTOR OF ENGINEERING, GOLDMAIL, PLEASANTON, CA — 2007-2008

Functioned as software architect and director of engineering for innovator of email messaging platform allowing users to send narrated messages. Managed a distributed team of five developers; reviewed code; implemented processes improvements. Re-engineered product release process to improve predictability and decrease stress: triaged work items, estimated/assigned projects elements, monitored progress.Architected next generation multi-tier version around WCF and WPF increasing security, flexibility and code maintainability while decreasing code base by 50%. Implemented Team Foundation Server: process organization, installation, support; customized Microsoft Agile template and process; decreased build time from one hour to fifteen minutes. Developed components in SQL Server and backend services; replaced NetSuite - GoldMail users ETL process (SQL Server Stored Procedure.); reviewed/re-factored backend services (C#).

STAFF IS ANALYST, BAYER, BERKELEY, CA — 2001-2007

Architected, designed, developed and supported business applications on multiple platforms including .NET, Java and SAP Netweaver; managed dynamic teams and contractors. Integrated application silos to meet business needs; created value-add software.

SOFTWARE DEVELOPMENT MANAGER, SOFT-TRONIC, KIEV, UKRAINE — 1999-2000

PROJECT MANAGER, COCA-COLA, KIEV, UKRAINE — 1995-1999

SENIOR SOFTWARE ENGINEER, ACADEMY OF SCIENCE, MOSCOW, USSR — 1990-1992

SENIOR DATABASE ADMINISTRATOR, CENTRAL RESEARCH INSTITUTE, MINISTRY OF DEFENCE, MOSCOW, USSR — 1988-1990

EDUCATION
CMC GRADUATE SCHOOL OF BUSINESS, Prague, Czech Republic
Certificate in Business Administration and Project Management, 1998

AIR FORCE ENGINEERING ACADEMY, Kiev, Ukraine
Master of Computer Science and Applied Mathematics, 1988