Alexey Velesnitski

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Primary Skills

Delivery Management, Architecture, Team Leadership,
Distributed Systems Development, Full Stack Development, .NET

Position

CTO

Summary/Achievements

- Results-oriented engineering manager with more than 17 years of experience in management and development. CTO whose primary skills include delivery management, team leadership, architecture, distributed systems and bizdev.
- Managed to grow development in a Startup from 0 to 10+ Clients, within different tech domains: ML Python Point Cloud, Mobile Unity and Python Full Stack.
- Led the company's technology strategy and ensured its alignment with business goals and KPIs. Collaborated with Delivery, HR, QA, Marketing teams through regular 1-2-1 meetings and OKR.
- Specialized in web/distributed development with full project life cycle and software methodologies (Agile, SOLID, TDD, DDD, 12 Factor App and others).
- Hands-on experience includes supervision a team of 30+ engineers on a large commercial project that has been used by 5k school districts and 2kk educators for a US-based customer for 10 years.
- Took responsibility for major technical decisions on the healthcare software platform from high-level solution design, selection of technologies and frameworks to release control, infrastructure options, deploy practices, daily code reviews and live issue resolutions. Result – merger with leading EdTech K-12 Provider in US.
- Ensured quality and excellence of technical architecture for all Intetics projects. Won 5+ new customers with pre-sales team. Managed client relationships and satisfaction with engineering solutions.
- Developed a team formation approach that streamlined the team proposition and staffing process and led to outstaffing more efficient and effective teams. Proposed Personal certification growth path for senior+ engineers (50+ ppl) and managers in the company which resulted in obtaining AWS Advanced /MS Gold level of partnership.
- Certified Scrum Master and Kanban Management Professional,
  English skills (C2 Fluency, C1 Pronunciation) and experience presenting to C level executives. Strong work ethic and passion to deliver end results.

Proficiency

Platforms: Windows (Server 2019), Mac OS, Ubuntu

Methodologies: Agile, Kanban, Scrum, Waterfall, PMBOK, OKR, CMMI

Languages, Technologies: C#, JavaScript, Typescript, Python, AMQP, WebSocket, Angular, (D) HTML, CSS/LESS, SSRS, XML, YAML, JSON

Databases: T/PL SQL, MS SQL, MongoDB, Redis, Oracle, PostgreSQL, ClickHouse

Software and Tools: Jira, Bugzilla, Confluence, Zabbix/New Relic/Dynatrace, Google Suite, Smartsheet, Kibana/ELK, Nginx, PowerBi, Visual Studio 2015-19/Rider/VS Code, PowerBi, Swagger/Postman, TeamCity/TFS/CruiseControl, MSTest/NUnit, ReSharper/StyleCop, Git/SVN

Frameworks and API: .NET Framework, Rest API, Web API/MVC /ASP.Core, NodeJS, Dapper (micro-ORMs), NHibernate, Azure, RabbitMQ, Memcached, SignalR, Elasticsearch, Entity Framework, ASP.NET, LINQ, SimpleInjector/NInject/Castle Windsor, MS Reporting Services, iTextSharp, log4net, Quartz.NET, Angular 1.x-11, JQuery, KendoUI

Cloud: AWS, Docker, K8s, EC2, S3, ELB, AWS ElastiCache, AWS Workspaces

Projects/Positions

Aug 2023– now Timspark Chief Technical Officer	**Timspark.** Led technology strategy for the company. Proposed effective hiring and staffing approach of micro-teams which resulted in more than 10 new clients. Fully responsible for pre-sales activities and architectural approach in early project stages. C-level reports and Business development of discovered opportunities. Primary Responsibilities: Performed all architecture reviews of cloud-native proposals. Technical interviews of developers and consultations for third-party vendors. Implemented hiring and priority technologies for providing services in 2024 year. 5+ Road show performed with Sales department acting as company's main technical contact.
Apr 2023– Aug 2023 Software Consultant	**https://velesnitski.github.io/.** Consulting in tech areas: Highload, PostgreSQL sharding. Proposed and applied metrics to validate engineers team performance and morale. Primary Responsibilities: Domain: E-Commerce/Healthcare. Implemented solution was sharding via Citus as a method for horizontally scaling PostgreSQL Dbs. For the second project implemented fast cache storage via containerized ClickHouse instance. Designed Repository layer.
2021– Apr 2023 Intetics Chief Technical	**Intetics Inc.** Led technical management and growth (EBIDTA 16+% by Delivery depts in 2022). Successfully reviewed and approved technical architecture for numerous software development projects, resulting in high-quality solutions that meet client

Officer

requirements and expected SLA. Participated in pre-sales activities, managed client relationships and served as a technical point of contact. Developed a team formation approach that streamlined the hiring process and resulted in more efficient and effective teams (Direct team proposition on presale increased by 30%). Participated as a speaker in IT conferences and events (WorldS4 2022, ICICT 2023) representing company. Achieved AWS Advanced Tier of partnership, demonstrating the company's expertise in cloud technologies and approach to providing high-quality cloud solutions. Passed ISO 9001 Re-certification.

Primary Responsibilities: Leading the technology strategy and ensuring it aligns with business goals. Participating in pre-sales activities as a reviewer and presenter plus approving the technical architecture for all software development projects. Responsible for setting up internal process of employee certification resulting to obtain AWS Advanced Tier and MS Gold Status partnership. Managing client relationships and serving as a technical point of contact. Ensuring compliance with industry standards and certifications, such as ISO 9001 and AWS/Microsoft.

2013–2021
Intetics

Architect/Engineering Manager

A**** Solutions/Fr**** Ed: Top 10 Healthcare Provider for K-12 (US) Platform
Performed all aspects of delivery on a platform of web-based solutions for customer Ac**** LLC (www.ac****fy.com) which was acquired by leading EdTech K-12 provider in US. Supervised technical pre-acquisition audit. System has been operating in production in more than 10 states of USA for 10 years since the project start with more than 90K business users and 2kk educators, with an uptime of 99%. Medicaid Track/Plan are SaaS distributed systems for tracking Medicaid services/student's data. Accountable for technical team management and technical aspects of the product. Supervision of migration from on-premise to cloud environment. In 2013 and 2016 worked on-site (2m+) which evolved in two new platform solutions. Grew the team from 10+ to 50+ technical specialists.

Primary Responsibilities: Acted as project enabler and solution architect for back-end APIs and Plan/IEP subsystems. Direct day-to-day communication with Product Owner and CEO. Kanban/Scrum process setup, scope and backlog prioritizing, release planning. Technical work from high level architecture to low level DevOps tasks. Management of two development streams including review, coaching and people hiring.

2012–2013 Intetics Team Lead/Senior Software Engineer	**A**** LLC: EdTech/Healthcare. Track (Web Platform), IEP Plan (Web MVC/API)** Led a team and directed technical initiatives for a significant release, successfully deploying systems for 4 additional US states into production, the web platform was developed from scratch, served facilitated the treatment of 500k students. Grew the team from 5 to 10 developers, 3 QAs and DBA. Primary Responsibilities: Direct communication with customer and stakeholders, estimation, planning via Kanban. Full SDLC, candidates review. Migration from NHibernate criteria to query API, core logic. Implemented CI/CD via CruiseControl/TeamCity.
2006–2012 RoadGis/ Intetics Engineer/Senior Software Engineer	**US Startup(s). Healthcare/Education & E-Learning.** Started multiple short-term side projects for new/existing clients (20-60 ppl midsize startup). Designed DB integration via Linked servers, ORM layer (Fluent NHibernate configuration) and implemented core database functionality. Team size varied from 2 to 5+ engineers. In 2009 acted as project enabler in a small start-up team including 2 developers and 1 QA which resulted in 14+ years of tech collaboration.

Education
Mathematician in Systems/Software Engineer
Belarusian State University, Minsk, Belarus

Certificates
Microsoft: https://t.ly/aD_ic
Scrum: https://www.scrum.org/user/215401
Kanban: https://t.ly/XAET
https://t.ly/54QC
AWS: AWS Technical Professional (2017)