

JIVKO KOLEV

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Group Engineering Manager • Director of Engineering

PROFILE

Experienced engineering leader with a knack for teamwork, agile practices and craftsmanship. Has delivered complex solutions in various architectures as frameworks, applications, and cloud services. Thrives in the challenge of delivering great customer value despite competing priorities. Continuously looking for improvements through use of best practices, metrics and introspection. Energized by technical curiosity, collaboration, ambitious goals, customer value, and the delivery of great quality services at scale. Software startups experience.

CORE COMPETENCIES

Multidisciplinary skills: has worked in development roles and has been leading teams in various manager capacities.

Leadership, management, hands-on: versatile skills that enable high-level strategy work, organizational development, cross group collaboration, employee coaching, project-, risk-, and cost management as well as hands-on engineering and day to day activities and tools like stand-ups, Kanban, estimation and grooming.

Customer centric approaches: scenario driven engineering, user stories, prototypes, success definition, metrics.

Technical insight: Structured and unstructured data. Business intelligence. Web and mobile apps. Compilers, abstractions, software models, tools, APIs, and optimizers. Containers and virtualization. Test automation.

Cloud services, continuous integration and operations - build, test automation, feature flags, A/B testing, telemetry, monitoring, and alerts. Customer focused metrics to drive cloud delivery with focus on efficiency and quality.

TECHNICAL SKILLS

Languages: C, C#, ObjectiveC, Swift, JavaScript, Java, Python, SQL, GraphQL, HTML, CSS, Bash, Powershell.

Frameworks / Protocols / Tools: .NET, iOS SDK, REST, SOAP, JSON, XML, Visual Studio, Eclipse, XCode, Vim, Git, VSTS, MS Project, Jira.

Data stores: SQL Server, MySQL, CosmosDB, Cassandra, Redis, Elasticsearch.

Cloud: Azure, AWS, Docker, Kubernetes, nginx, memcached, Redis, Vagrant, Ansible, TerraForm.

Platforms: Windows, GNU/Linux, macOS.

PROFESSIONAL EXPERIENCE

Group Engineering Manager, Microsoft Corp - Azure DevOps Oct 2019 - Present
Managed organization of 40+ engineers building the platform for highly scalable and reliable services central to Azure DevOps and Microsoft's One Engineering System.
Recruit, motivate, retain, and grow high-performance teams.
Set strategic technical directions (including design and architecture).
Define OKRs and lead the organization to produce strong results based on them.

Director of Engineering, UiPath - Cloud Jan 2019 - Oct 2019
Built the cloud platform group from inception. Planned and architected the cloud platform for the company SaaS offering. Delivered the first Public Preview of the Cloud Platform (<https://platform.uipath.com>). Recruit, motivate, retain, and grow top notch engineering/devops teams.

Principal Engineering Manager, Microsoft Corp - Azure DevOps Jan 2018 - Jan 2019
Re-architected and drove the change of Azure DevOps (formerly VSTS) core platform services (authentication, authorization, licensing, and commerce) for the Azure DevOps. The new architecture

is a set of highly available distributed micro-services, supporting scale of tens of millions of users at (DAU 2M, MAU 6M, SLA 99.99%).

Interim Group Engineering Manager, Microsoft Corp - VSTS

Apr 2017 - Dec 2017

Managed organization of 40+ engineers building the core platform services for VSTS (authentication, authorization, licensing, and commerce).

Responsible for hiring, coaching, and developing talent for the group.

Principal Engineering Manager, Microsoft Corp - VSTS

2013 - 2017

Responsible for authentication, authorization, and licensing functionality in Visual Studio Team Services (VSTS).

Established sustainable processes to develop, deploy and manage mission-critical services in the Azure cloud. Responsible for supporting and scaling the system for millions of users.

Onboarded the top 1000+ user companies to VSTS.

Founder, PM Mobile LLC (www.projectservermobile.com), Seattle, WA

2012 - 2015

Sole architect, developer, tester, and business development manager of mobile productivity apps (iPhone & Windows Phone) for Microsoft ProjectServer, with a customer base of a ~15K users.

Outsourced, contracted, and managed some of the work to remote teams in India, China, and Eastern Europe.

Software Engineer, Microsoft Corp - Visual Studio Team Services (VSTS)

2012 - 2013

Founding member on VSTS core platform services team.

Responsible for user identity and authorization functionality.

Interview prospective candidates and mentor junior team members.

Software Engineer, Microsoft Corp - Team Foundation Server (TFS)

2011 - 2012

Senior member on the workitem tracking server platform team.

Interview prospective candidates and mentor junior team members. Manage interns during their internship.

Introduced, architected, and implemented feature flags and A/B testing across TFS.

Worked on moving the TFS functionality to the Azure Cloud.

Software Engineer, Microsoft Corp - AdCenter

2010 - 2011

Designed and developed real-time behavioral targeting system. System provides ability for instant user ad targeting and integrates with Cosmos (Hadoop-like MapReduce clusters). Interview prospective team members.

Software Engineer, Microsoft Corp - Office Division (Project Server)

2001 - 2010

Carried out development of MS Project Server software, including new platform features such as asynchronous communication, versions upgrade, data access, safe dynamic queries. Investigated and resolved performance, scalability, concurrency, and throughput issues. Mentored junior staff members. Identified and eliminated bottlenecks in web front end, application, and DB server. Authored test scripts. Created infrastructure for performance testing.

Application Developer, PRO2NET Corp, Seattle, WA

2000 - 2001

Software Systems Engineer, ADVANCED RESEARCH SYSTEMS, Seattle, WA

1998 - 2000

EDUCATION

BS in Computer Systems, City University, Seattle, WA

Course work in Computer Science & Finance, University of National & World Economy, Bulgaria

CERTIFICATIONS & TRAINING

[Stanford \(Coursera\) - Interactive Programming in Python](#)

[Stanford \(Coursera\) - Cryptography I](#)

[Stanford \(Coursera\) - Startup Engineering](#)

MCSD - Designing and implementing SQL Server 2000

