Ivan Zdravkov

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Introduction

At VMware, I lead cloud automation initiatives, architecting solutions to enhance client adoption of VMware products like vRO, vRA, NSX, vCenter, and Horizon as well as integrating VMware products for hybrid cloud solutions with AWS and Azure. With over a decade of experience as a software engineer, I have a proven track record in delivering successful projects, service oriented architectures, and automated testing frameworks.

My expertise in cloud and full stack technologies, combined with configuring architectures as code, makes me a strong fit for organizations looking to improve development throughput and integrate best practices. I am committed to meticulous planning, forward-thinking strategies, and empathetic leadership.

I thrive on challenging established processes to boost productivity and deliver superior, robust products and services.

Work Experience

VMware   Sep. 2023 – Present

Senior Cloud Automation Engineer (Remote)   *Sofia, Bulgaria*
Developing cloud automation solutions for VMware's products: vRO, vRA, NSX, vCenter, Horizon, etc.
- Creating custom cloud automation solutions for VMware's products.
- Leading teams of developers.
- Client communication.
- Supporting the pre-sales and architecture teams.

Skills: *VMware Infrastructure, Docker, Kubernetes, Typescript, Python, Powershell, Leadership*

MAERSK   Feb. 2022 – Aug. 2023

Senior Software Engineer (Remote)   *Næstved, Zealand, Denmark*
Architecture and development of manual and automated tools to ensure data and configuration quality for a project in logistics.
- Created a new services driven architecture to support the functionality migration of an old monolith.
- Configured the application's architecture as code on top of Azure.
- Configured the Kubernetes and Docker deployments.
- Documented the design, architecture and structure decisions.
- Set a new automated testing framework up.
- Migrated and extended the existing in-house manual testing framework.

Skills: *ASP.NET, Azure, Docker, Kubernetes, Angular, Typescript, Service-Oriented Architecture*

adidas — Jul. 2021 – Jun. 2022

Senior Software Engineer (Remote) — *Herzogenaurach, Bavaria, Germany*

Architecture, development and DevOps of an internal tool for the IT department of Adidas.

- Migrated a legacy .NET Framework application to .NET 6.
- Reviewed and optimized the application's processes and workflows.
- Overseen the successful data, functionality and user migration.
- Set the deployment pipelines up, using Jenkins.
- Developed and supported new and existing functionality.

Skills: *ASP.NET, CI/CD, AWS, Entity Framework, Dapper, Typescript*

Dext — Nov. 2020 – Jul. 2021

Software Developer (Remote) — *Sofia, Bulgaria*

Development and functionality support for a pilot payments product. Improvements on the main application's Segment tracking capabilities.

- Developed and supported the Bank Integration capabilities.
- Developed the Segment tracking capabilities.
- Innovated on Dext's Payment product.
- Mastered a new tech stack.

Skills: *Ruby on Rails, GraphQL, Docker, Kubernetes, React, Typescript*

Amexis — Oct. 2013 – Oct. 2020

Plovdiv, Bulgaria

Technical Lead (Remote) — *Oct. 2018 - Oct. 2020*

Technical leadership of a team, building the next iteration of an existing application.

- Engineered a complex multi-layer application from the ground up.
- Created a new monolith architecture and structured the cloud infrastructure.
- Organized a thorough technical documentation.
- Designed and supported core application systems.
- Optimized core and long-running server operations.
- Led a team and immersed new team members.

Skills: *ASP.NET, Angular, Typescript, AWS, Agile, Leadership*

Senior Software Engineer (Hybrid) — *Apr. 2017 - Sep. 2018*

Architecture and development of a pilot application in healthcare and education.

- Led a skeleton crew of developers to build a proof of concept application.
- Developed a dashboard to showcase UI and performance improvements.
- Structured the application layers.
- Designed and supported core application systems.
- Build on top of a life production read-only replica.

Skills: *ASP.NET, Angular, Typescript, AWS, Leadership*

Software Engineer (On-site) — *Apr. 2016 - Mar. 2017*

Development and optimization of a long-running project in healthcare and education.

- Helped with the immersion of new team members.
- Optimized server and database operations.

- Created unit tests and integration tests.
- Developed new features.
- Deployed hot fixes and bug fixes.

Skills: *ASP.NET, .NET Framework, SQL, Angular, Typescript, AWS*

Software Developer (On-site) *as part of Scalefocus* *Apr. 2014 - Mar. 2016*

Development of a pilot iPad application. Migration of a legacy healthcare and education project to a modern single page application.
- Created unit tests and integration tests.
- Validated data integrity and investigated alarms and failures.
- Improved and documented the development toolkit.
- Developed new features.
- Deployed bug fixes.

Skills: *ASP.NET, .NET Framework, SQL, AngularJS, AWS*

Junior Software Developer (On-site) *Oct. 2013 - Mar. 2014*

Preparation for the "Microsoft MCSD: Web Applications" certification track. Development of a project management solution for a cloud based platform.
- Took the Microsoft MCSD: Web Applications certifications.
- Developed new features.
- Investigated bugs.

Skills: *ASP.NET MVC, ASP.NET Web API, .NET Framework, jQuery, JavaScript*

3S SOT Sliven   May. 2011 – Feb. 2012

Technician (On-site) *Sliven, Bulgaria*

Construction and maintenance of security, video surveillance and fire alert systems.
- Constructing radio security systems.
- Maintaining fire alert systems.
- Installing video surveillance.
- Supporting the company's computer network.

Education

Technical University of Sofia   Sep. 2016 - Jun. 2019

Master of Computer Engineering *Plovdiv, Bulgaria*
- **Grade**: 5.32
- **Disciplines**: Distributed Systems, Human Computer Interactions, Computer Vision, Machine Learning, AI, Client-Server Architecture, Service-Oriented Architecture.
- **Skills**: JavaScript, TypeScript, HTML5, Service-Oriented Architecture (SOA), ASP.NET, Human Computer Interaction

The University of Tokyo   Apr. 2018 - Dec. 2018

Postgraduate Research *Tokyo, Japan*

- **Term**: 8 months
- **Disciplines**: Computer Vision, Pattern Recognition, Machine Learning, Human Computer Interactions, Computer Engineering, Robotics.
- **Skills**: TypeScript, MATLAB, Motion Tracking, Human Computer Interaction

Technical University of Sofia   Sep. 2009 - Jun. 2014

Bachelors of Computer Engineering   *Plovdiv, Bulgaria*
- **Grade**: 5.34
- **Disciplines**: Basics of Programming, Algorithms, Data Structures, Object, Component and Functional Programming, Microprocessor Systems, Operating Systems, Networks.
- **Skills**: C, C++, MATLAB, RFID Applications, Object-Oriented Programming (OOP).

Telerik Academy   Apr. 2013- Mar. 2014

Software Engineering   *Sofia, Bulgaria*
- **Disciplines**: C#, HTML, CSS, JavaScript, Software Engineering, Teamwork, ASP.NET MVC.
- **Skills**: C#, ASP.NET MVC, HTML5, CSS, JavaScript, Object-Oriented Programming (OOP).

High School of Informatics and Sciences "Dobri Chintulov"   Sep. 2004- May. 2009

Informatics and English   *Sliven, Bulgaria*
- **Grade**: 5.87
- **Disciplines**: Informatics, Mathematics, English.
- **Skills**: C, C++.

Certifications

VMware VSphere 7 Professional by LinkedIn	Sep. 2023
AWS Certified Solutions Architect - Associate by Amazon	Oct. 2019
MCSA Web Applications by Microsoft	Sep. 2016
MCSD App Builder by Microsoft	Sep. 2016
Exam 487: Developing Microsoft Azure and Web Services by Microsoft	Apr. 2014
Exam 486: Developing ASP.NET MVC Web Applications by Microsoft	Mar. 2014
Exam 480: Programming in HTML5 with JavaScript and CSS3 by Microsoft	Dec. 2013
Certificate in Advanced English by the University of Cambridge	Aug. 2009

Notes

For more information, including references and open-source projects, check my personal website, LinkedIn and GitHub (linked at the top of this document). Kudos to any real-life human who reached the end of this CV! I appreciate your work!