PERSONAL INFORMATION

Name	**MIHAIL GEORGIEV MIHAYLOV**
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Nationality	Bulgaria
Date of birth	19.11.1988
Personal GitHub contributions	**https://github.com/mihailgmihaylov**

… a Kubernetes and Prometheus enthusiast

WORK EXPERIENCE

• Dates (from – to)	October *2017 – Onwards*
• Name and address of employer	Receipt Bank
• Type of business or sector	Software Product Company
• Occupation or position held	DevOps Infrastructure Engineer
• Main activities and responsibilities	Developing and maintaining the Kubernetes infrastructure of the company andante performing the migration of all stateless micro-services to containers and container orchestration. Designing and creating the AWS hosted self-managed Kubernetes clusters as well as the multi-cluster high-available monitoring system with Prometheus, Grafana and Thanos.

• Dates (from – to)	August *2016 – October 2017*
• Name and address of employer	Tradeo
• Type of business or sector	Software Product Company
• Occupation or position held	DevOps Infrastructure Engineer
• Main activities and responsibilities	Developing and maintaining the cloud automation infrastructure of the company's product. Enhancing security, availability and accessibility of the product's infrastructure and developing innovative, state of the art cloud solutions on Google Cloud. Implementing autoscale, failover and high-availability on crucial applications and databases with Kubernetes, Google Cloud Compute Instances and Puppet and Ansible.

• Dates (from – to)	*May 2014 – August 2016*
• Name and address of employer	Accedia IT Solutions
• Type of business or sector	Software Industry
• Occupation or position held	Senior Infrastructure Consultant

• Main activities and responsibilities	Infrastructure consulting, System administration, Database Administration and development, infrastructure development and maintenance of corporate IT environments, deployment and troubleshooting of software technologies and tools, security and backup responsibilities
• Dates (from – to)	*October 2012 – May 2014*
• Name and address of employer	HP Global Delivery Center Bulgaria
• Type of business or sector	Software services
• Occupation or position held	Database Technical Support
• Main activities and responsibilities	Database administration and support of customer environments. Troubleshooting, designing, maintaining and tuning databases on all environment types.
• Dates (from – to)	*May 2010 – October 2012*
• Name and address of employer	Musala Soft Ltd.
• Type of business or sector	Software Industry
• Occupation or position held	Infrastructure and integration engineer / system administrator
• Main activities and responsibilities	System administration and maintenance in a corporate IT environment, deployment and troubleshooting of software technologies and tools, security and backup responsibilities
• Dates (from – to)	*December 2009 – May 2010*
• Name and address of employer	Zetta Hosting Solutions Ltd.
• Type of business or sector	Web Hosting
• Occupation or position held	Technical support
• Main activities and responsibilities	Administer and support the corporate infrastructure's web hosting services provided by the hosting company like Apache httpd, FTP, SSL, VPS and personal and corporate web sites.

WORK PROJECT EXPERIENCE

• Dates (from – to)	October 2017– Onwards
• Name of employer	Receipt Bank
• Name of project	New new infrastructure
• Project description	Develop and integrate Kubernetes in production for all stateless applications
• Role	DevOps Engineer
• Main activities and responsibilities	Set up an internally managed self hosted Kubernetes clusters with terraform, golang and ruby. Coordinate the CI/CD process, the logging and tooling of applications and help develop the all-apps-in-one add-hoc environment spin up for integration testing between features branches and production demos.

• Dates (from – to)	October 2017– Onwards
• Name of employer	Receipt Bank

• Name of project	Multi-cluster monitoring
• Project description	Develop and integrate a multi-cluster monitoring system with S3 storage
• Role	DevOps Engineer
• Main activities and responsibilities	Create a Prometheus based multi kubernetes cluster monitoring with Grafana, Alertmanager, Thanos for high-availability and disaster recovery and VictorOps. Setup CI/CD processes for the monitoring infrastructure and alerting pipelines.

• Dates (from – to)	August 2016 – January 2017
• Name of employer	Tradeo
• Name of project	Internal User Management
• Project description	Refactor the user management of all Tradeo's internal public and tools and application with Puppet and Ansible. Integrating OpenVPN services with OAuth2 Google authentication and advanced network segmentation.
• Role	DevOps Engineer
• Main activities and responsibilities	Redesign the user management of the entire company using automatic provisioning of users on machines, integration of Google OAuth2 authentication on public instances and central management with Puppet Hiera and Ansible scripting.

• Dates (from – to)	August 2016 - October 2017
• Name of employer	Tradeo
• Name of project	CI and CD
• Project description	Enhancing the automation deployment, testing and bug fixing process.
• Role	DevOps Engineer
• Main activities and responsibilities	Creating new automation deployment procedures with Jenkins, Ansistrano and Puppet. Redesigning the automation testing infrastructure on Kubernetes autoscaling cluster build agent containers with Jenkins and Kubernetes.

• Dates (from – to)	November 2015 – August 2016
• Name of employer	Accedia IT Solutions
• Name of project	Internal Cloud Infrastructure Development
• Role	Senior Infrastructure Consultant
• Project description	Enhancing, integrating and automating maintenance and support procedures for the public cloud infrastructure of Accedia
• Main activities and responsibilities	Integrating cloud services and virtual machines with the on-premises environment and ensuring high uptime and scalability of the services. Designing automation strategy for all public cloud infrastructure of Accedia with Azure PowerShell and Ansible.

• Dates (from – to)	February 2015 – January 2016
• Name of employer	Accedia IT Solutions, IBM Bulgaria
• Name of project	IBM MSS

• Project description	Database development and support of business critical IBM systems on IBM DB2 and IBM Netezza platforms.
• Main activities and responsibilities	Taking part as a Database Administrator Contractor for IBM internal projects. Design and deployment of the database structure and database objects. Implementing security and access control logical design to the critical database objects and information. Working with Data Architects on new logical and physical model of databases and data warehouse environments.

• Dates (from – to)	July 2014 – October 2015
• Name of employer	Accedia IT Solutions
• Name of project	Econt Express
• Role	Automation Build Administrator
• Main activities and responsibilities	Application automation build and deployment using Jenkins, maven and custom eclipse console scripts. Design and deployment of the server side infrastructure as well as the OS environment. Preparation of the database and application server environment. Setting up the test, staging and production environments.

• Dates (from – to)	May 2011 – October 2012
• Name of employer	Musala Soft Ltd.
• Name of project	Dutch customs service integration
• Role	Automation engineer, infrastructure administrator
• Project description	Developing, integrating and maintaining automation deployment scripts
• Main activities and responsibilities	Development of automation provisioning and deployment scripts on Apache Ant of the infrastructure server side components and the application deployment itself. Design and deploy the server side infrastructure for internal development and testing of applications for the Dutch customs.

• Dates (from – to)	October 2012 – May 2014
• Name of employer	HP Global Delivery Center Bulgaria
• Name of project	Danske Bank DB2 environment support
• Project description	Database environment support of DB2 servers
• Main activities and responsibilities	24//7 reactive support of the business critical IBM DB2 database environment. Development of new server side databases. Maintenance and support of existing database server assets. Proactive security, capacity and problem management.

• Dates (from – to)	October 2012 – May 2014
• Name of employer	HP Global Delivery Center Bulgaria
• Name of project	Daimler Database support
• Project description	Database environment support of Mazda DB2 and MSSQL servers

• Main activities and responsibilities	24//7 reactive support of the business critical IBM DB2 and MSSQL database environment. Development of new server side databases. Maintenance and support of existing database server assets. Proactive security, capacity and problem management.

• Dates (from – to)	October 2012 – May 2014
• Name of employer	HP Global Delivery Center Bulgaria
• Name of project	Mazda DB2 database support
• Project description	Database environment support of Mazda db2 servers
• Main activities and responsibilities	24//7 reactive support of the business critical IBM DB2 database environment. Development of new server side databases. Maintenance and support of existing database server assets. Proactive security, capacity and problem management.

• Dates (from – to)	October 2012 – May 2014
• Name of employer	HP Global Delivery Center Bulgaria
• Name of project	Flemish Government Database support
• Project description	Database environment support for the Belgium government
• Main activities and responsibilities	24//7 reactive support of the business critical database environment. Development of new server side databases. Maintenance and support of existing database server assets. Proactive security, capacity and problem management.

• Dates (from – to)	May 2010 – October 2012
• Name of employer	Musala Soft Ltd.
• Name of project	Infrastructure Integration Task Force
• Project description	Internal company infrastructure development and ongoing project support
• Main activities and responsibilities	Participating in a team dedicated for internal infrastructure development of the company assets. Ongoing proactive and reactive support of project infrastructure and server side environment.

• Dates (from – to)	May 2011 – October 2012
• Name of employer	Musala Soft Ltd.
• Name of project	Guarantee Fund
• Project description	Developing, integrating and maintaining a car insurance system for the Bulgarian Government
• Main activities and responsibilities	Design and deploy the server side infrastructure including OS environment, Database and Application server environment, Backup and monitoring environment, Test and staging environment. Taking part of the developing and integration of maintenance and monitoring scripts, weekly and daily batch scripts, automation deployment scripts etc.

• Dates (from – to)	December 2009 – May 2010
• Name of employer	Zetta Hosting Ltd.
• Name of project	Awardspace.com technical support
• Project description	Shared hosting services
• Main activities and responsibilities	Taking part of the ongoing support of the Production, Test, Staging and Development environment of the customer business critical systems. Daily task include taking care of daily batches, server side issues, backup and performance issues.

PUBLIC EDUCATION

• Dates (from – to)	October 2011 – Onwards
• Name and type of organization providing education and training	"St Kliment Ohridski" University – Sofia, Bulgaria
• Principal subjects/occupational skills covered	MSc in Informatics "Distributed systems and mobile technologies"
• Title of qualification awarded	MSc Fundamental theoretical background and practical skills in areas of development implementation and management of complex distributed systems, computer networks and mobile technologies. Some of the courses are: "Cisco Academy CCNA Exploration 2" "Cisco Academy CCNA Exploration 3" "Linux system administration" "Configuring and troubleshooting a network infrastructure" Windows Server 2008 administration, troubleshooting and deployment.
• Dates (from – to)	October 2007 – June 2011
• Name and type of organization providing education and training	"St Kliment Ohridski" University – Sofia, Bulgaria
• Principal subjects/occupational skills covered	BSc in Informatics "Information systems"
• Title of qualification awarded	Fundamentals of information systems, planning and developing web systems and project management. Some of the courses are: "Fundamentals of Network Security" "Cisco Academy CCNA Exploration1" "Managing and Maintaining a Microsoft Windows Server 2003" "Virtualization and cloud computing" "Physical level design and implementation of RDBMSs" "Computer architectures" "Project Management" "Object oriented programming with C++" "Specialized English"
• Dates (from – to)	September 2002 – June 2007

• Name and type of organization providing education and training	Math High School "Acad. Kiril Popov", Plovdiv
• Principal subjects/occupational skills covered	Mathematics and English

MOTHER TONGUE	**BULGARIAN**

OTHER LANGUAGES	
	ENGLISH
• Reading skills	Excellent
• Writing skills	Excellent
• Verbal skills	Excellent

OTHER SKILLS AND COMPETENCES	IBM Certified Database Administrator - DB2 10.5 for Linux, Unix and Windows (exam C2090-311) taken at 5 November 2014
	IBM Certified System Administrator - WebSphere Application Server Network Deployment V8.5.5 (exam 000-611) taken at 15 September 2014
	IBM Certified Database Administrator – DB2 10.1 for Linux, Unix and Windows *(exam 000-611)* taken at 4 October 2013
	IBM Certified Database Administrator – DB2 9 for Linux, Unix and Windows *(exam 000-730)* taken at 2 April 2012
	IBM Certified Database Associate – DB2 9 Fundamentals *(exam 000-731)* taken at 27 March 2012
	IBM certified specialist with certificate *High Volume Storage Fundamentals V1 (exam 000-203)* taken at 16 December 2011.
	Microsoft certified technology specialist with certificate *Windows Server 2008 R2 Server Virtualization (exam 70-659)* taken at 20 June 2010.
	IBM certified deployment professional with certificate *Tivoli Storage Manager v6.1 (exam 000-025)* taken at 21 October 2010
	Cisco CCNA1, 2, 3
	Certificate in Advanced English (CAE) issued by *Cambridge ESOL Examinations* in 2007.

DRIVING LICENCE(S)	Category B and M since 2007