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Skills

	Level	Skill	Years	
Cloud	■■■■■	AWS	8	Compute, VPC, Storage, IAM
	■■■■■	GCP	1	GKE(AutoPilot), GCS, VPC, IAM
	■■■■■	Terraform	8	
	■■■■■	CloudFlare	8	DNS, Zero, Workers, Pages
	■■■■■	Ansible	7	
Containers	■■■■■	Kubernetes	5	
	■■■■■	Helm, Kustomize	6	
	■■■■■	Docker	8	
	■■■■■	Istio	4	
	■■■■■	ArgoCD	4	In 2019 and 2020 I gave 2 talks about ArgoCD on Polish conferences
Programming languages	■■■■■	Golang	6	Preferred choice for coding due to great static type checking
OS	■■■■■	Linux(Ubuntu,Debian)	14	
	■■■■■	Bash	14	For simple scripts and quick data parsing I use Bash
	■■■■■	Nginx	14	
Monitoring	■■■■■	Prometheus, Grafana	8	
CI/CD	■■■■■	GitHub & GitHub Actions	6	
	■■■■■	GitLab & GitLabCI	8	
Other	Teaching and Mentoring, Communication, Team First mindset, Clean Code, Postmortem Culture, Architecutre Decision Records.			

Languages

Polish C2 - native language
English B2 - good written and spoken

Work Experience

07.2022 – Senior Platform Engineer, *Iterative*

12.2024 Iterative is a company offering developer tools for Data Management in Machine Learning and Generative AI. I joined 2 people Platform team, to maintain and improve the infrastructure, developer's tools, and processes.

Highlights:

- Designed a multi-cloud platform for running distributed ML experiments with billions of objects(AWS and GCP),
 - Designed and implemented autoscaling of the workers, based on Celery queue,
- Designed the on-premise, enterprise edition of DVC Studio; devising an innovative approach that allowed the software suite to run reliably in arbitrary customer environments (e.g. EXSi, Hyper-V, KVM, and many others),
 - Also I was a member of Customer Success team to help customers with on-premise installations,
- Implemented a new CI/CD pipeline for the DVC Studio, which reduced the time to deliver new features by 50%,
- Coordinated large-scale engineering efforts pivotal to the successful attainment of SOC2 certification,
- Extend SaaS infrastructure to GCP cloud(hybrid cloud),
- Achieved a 40% reduction in cloud expenses by optimizing system designs,
- Improved disaster recovery resilience by expanding the scope of services controlled via GitOps + Infrastructure-as-Code, ensuring minimal data loss,
- Mentored engineers in new ways to optimize their efficiency, such as: Dev Containers, Remote debugging.

08.2020 – Senior DevOps Engineer, *Equinix*

04.2022 Equinix is the leader in the colocation data center market. The company has 3 product development centers (Sunnyvale, Singapore, and Warsaw), which are building and maintain above 10 systems used by companies to manage the data center resources: manage resources in data centers, configure internet exchange points, configure network connectivity between different locations and much more.

I joined the company to implement CloudNative practices on K8S clusters, and make products GDPR compliant by automating Istio Service Mesh infrastructure for connectivity:

Highlights:

- Led migrations of 3 systems with 40 microservices to make systems infrastructure GDPR compliant,
- Designed architecture and migration process from on-premise to cloud environments,
- Delivered automation of cloud infrastructure(K8S, Istio Service Mesh, Observability, CD Pipelines),
- Support other teams in solving infrastructure issues(AWS, K8S, Networking),
- Mentor younger teammates to develop and maintain high-quality of infrastructure code and design

11.2018 – Senior Site Reliability Engineer / DevOps Engineer, *Codility*

07.2020 Codility is a technical interview platform to test the coding skills of developers and support hiring decisions. I joined the company in front of migration from instance-based(EC2) infrastructure, to Cloud Native using Kubernetes.

Responsibilities:

- Keeping online services and associated infrastructure running in good health,
- Ensuring the security of the infrastructure for unauthorized access and interruptions
- Mentoring: helping younger teammates develop and maintain high quality of infrastructure code and design
- Setting up and maintaining infrastructure development tools and other automation tooling,
- Educating engineers in the subjects of modern use of cloud computing and good industry practices.

Technologies: Kubernetes, AWS, GitLab CI, Golang, Bash, Helm, Docker, Terraform, Grafana, Prometheus, Chef, Rake.

02.2018 – Senior Software Engineer, *F5 Networks Poland*

10.2018 F5 is a global company specializing in application security, multi-cloud management, network security, and access & authorization. I joined the project, whose goal was to deliver a secure gateway for CloudNative services using the best knowledge from different F5 Products.

Highlights:

- Designing pipelines for executing different test types(unit, integration and end-to-end with multi-project execution) on services, and packaging them into Amazon Machine Image(AMI),
- Implementing Cloud Native services in Go.

Technologies: Kubernetes, AWS, Golang, Java, gRPC, Helm, Docker, Terraform, Ansible, GitLab CI.

09.2015 – **DevOps Engineer, TouK**

02.2018 TouK is a software house company that makes solutions for external clients. It hires around 80 developers. In 2015 I changed team to DevOps where I was able to learn and get experience as an infrastructure administrator and cloud solutions architect to help Clients migrate their workloads to Cloud. During 3 years I was participating 3 projects

Selected projects:

- ELK Stack for aggregating 50 TB of data - for Play Mobile I designed and implemented a system for easily extending and managing ELK stack for gathering data from multiple internal services. The cluster was built by 16 nodes, in total 2TB of memory and 50 TB of disk storage.
- Play Now - in 2017 Play operator decided to build its own mobile operator. The goal was to deliver easily scalable and extensible infrastructure, compiled with a Cloud Native approach. I was responsible for designing pipelines for application delivery, and integration to third-party services e.g billing systems, and call-centers
- Virginmobile MVNO - for 2 years I was performing maintenance and infrastructure architecture improvements for a mobile operator. Technologies used in the project were: AWS, RDS, Nginx, ELK stack, Terraform, and Docker.

09.2015 – **DevOps Engineer, TouK (In-House)**

02.2018 Next to the client's project, I was the in-house administrator of internal services running on bare metal servers in the office, and in the cloud.

Responsibilities:

- Migrate part of internal infrastructure to Cloud(e.g. autoscaling GitLab runners in AWS),
- Building deployment infrastructure to deliver products to TouK clients,
- Creating monitoring solutions for running applications,
- Creating selfcare web applications for internal company usage,
- Maintenance of systems and network infrastructure in the TouK office.

Technologies(small part):

- AWS Cloud, Mesos, Marathon,
- Grafana, Influx, ELK stack,
- GitLab, Jenkins,
- Nginx, Haproxy, Apache, Postgres, Oracle, Mysql, Bind9,
- Linux, Puppet, KVM,
- Baremetal(Dell hardware mainly), Cisco and HP switches, PFSense 2.2.

01.2014 – **Java Developer, TouK**

08.2015 At TouK I started as a Java Developer, where I was developing an application stack for a managing product catalog for Play Mobile operator, the Polish mobile operator.

Technologies: Java 7, Gradle, Spring(Boot, Core 4, DataJPA), Spock, Grails, Flyway, Liquibase, Tomcat, Jenkins, Oracle, Git, Scrum.

12.2012 – **Java Developer, RiscoSoftware Sp. z o.o**

12.2013 Developing applications for financial institutions and private companies.

Projects:

- iGolf.pl - portal for golfers,
- Express Elixir Adapter - immediate transfer system(Express ELIXIR) for CitiBank S.A,
- Maintaining backoffice system for FMBank, BankBPS.
- Developing a system for the mobile payment system Paymax.

11.2011 – **Java Web Developer, Warsaw University of Technologies, Virtual Dean's Office**

03.2012 As a student I started by carrer from developing a system for the Dean's Faculty of Electrical Engineering <http://isod.ee.pw.edu.pl>

Technologies: Java 7, Apache Wicket, Hibernate, Postgres.

Certificates

11.2019 – **Certified Kubernetes Administrator, CKA-1900-003838-0100**

11.2022

05.2020 – **Certified Kubernetes Application Developer, CKAD-2000-004146-0100**

05.2023

Education

- 2013 – 2016 **Master's degree**, *Faculty of Electrical Engineering*, Warsaw University of Technologies, *Computer Science*
Software Engineering
- 2009 – 2013 **Bachelor's degree**, *Faculty of Electrical Engineering*, Warsaw University of Technologies, *Computer Science*
Software Engineering

Talks

- 02.2020 (Polish) How to manage Kubernetes from Git by ArgoCD - *YouTube*
- 06.2019 (Polish) How to manage Kubernetes from Git by ArgoCD - *YouTube*
- 06.2019 (Polish) Autoscaling GitLab CI - *YouTube*
- List of my public talks is available on my site: <https://mjasion.pl/#presentations>.

Conferences & Meetups co-organizer

- Codepot Workshop Conference (*co-organizer*) <https://codepotpl.github.io/codepotpl/>
- Warszawa Java User Group (*co-leader*) <http://warszawa.jug.pl/>
- Mobile Central Europe 2015 (*volunteer*)
- confitura'13, confitura'12 (*volunteer*) <http://confitura.pl>

Interests

CrossFit & PitBikes(small motorcycles)