

# Filip Klimeš

SOFTWARE ENGINEER

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## Education

### Czech Technical University, Faculty of Electrical Engineering

Prague, Czech Republic

MASTER'S DEGREE (ING.) IN OPEN INFORMATICS

Sep 2016 - Jun 2018

- Computer Science and Software Engineering.
- **Summa cum laude.**
- Specialization in Software Engineering.

### Czech Technical University, Faculty of Electrical Engineering

Prague, Czech Republic

BACHELOR'S DEGREE (BC.) IN SOFTWARE ENGINEERING AND MANAGEMENT

Sep 2012 - Jun 2016

- Software Engineering specialization.
- **Summa cum laude.**
- I got to work with the following programming languages: C, C++, Java SE, Java EE, Python and SQL.
- At first, I studied Electrotechnics & Energetics, but I transferred to Software Engineering after successfully finishing the first year, as I discovered my passion in programming.

## Experience

### Pure Storage

Prague, Czech Republic

ENGINEERING MANAGER

Feb. 2024 - Present

- Managing two teams of software and QA engineers, 12 people in total, delivering Pure Protect (Disaster Recovery as a Service).
- Skills: People management, Project management, Release management
- Technologies: Java, Kotlin (Spring framework, Reactive streams), JavaScript (Typescript, AngularJS, RxJS), MongoDB, Apache Kafka, Docker, Kubernetes, AWS, Scrum, Github

### Pure Storage

Prague, Czech Republic

MEMBER OF TECHNICAL STAFF (SENIOR SOFTWARE ENGINEER)

Jul. 2022 - Feb. 2024

- Leading a team of software engineers and implementing the front-end and microservices of Pure Protect (Disaster Recovery as a Service).
- Cooperating with teams across the business unit and reporting our results to management.
- Technologies: Java, Kotlin (Spring framework, Reactive streams), JavaScript (Typescript, AngularJS, RxJS), MongoDB, Apache Kafka, Docker, Kubernetes, AWS, Scrum, Github

### Cogvio, s.r.o.

Prague, Czech Republic

SENIOR SOFTWARE ENGINEER

Mar. 2017 - Jun. 2022

- Analysis, design, implementation, testing, deployment and maintenance of multiple Cogvio products, namely Price Monitor, Market Access Monitor and Patient Registry. Modelling and automatization of data processes.
- Technologies: Java 11/16 (Spring Framework, Hibernate), Kotlin, JavaScript (Typescript, React, Parcel), Python, PostgreSQL, Elastic-Search, AWS, Docker, Continuous Integration and delivery, Gitlab, Shape-up

### Medevio s.r.o.

Prague, Czech Republic

LEAD SOFTWARE ENGINEER

Mar. 2020 - Jun. 2021

- Leading the software development in Cogvio Medical. Hands-on architecture and programming of backend APIs, plus overseeing development of a web application and two mobile applications (Android and iOS). Helping with project and product management leveraging agile techniques.
- Technologies: Java 11 (Spring Boot, Hibernate), Kotlin, JavaScript (Typescript, React, Parcel), PostgreSQL, DynamoDB, gRPC, AWS, GCP, Docker, Terraform, Cryptography, Messaging (AWS SNS), Continuous integration and delivery, Gitlab

### Hiri.cz (Startupedia s.r.o.)

Prague, Czech Republic

LEAD BACKEND DEVELOPER

Jan. 2015 - Mar. 2017

- Analysis, design, implementation, testing, deployment and maintenance of Hiri.cz job portal's back-end.
- I designed and lead development of REST API behind Hiri.cz SPA client. The API is responsible for business logic of the job portal and provides data persistence.
- Technologies: PHP 7 (Nette Framework, Doctrine ORM, Symfony Framework Components, Behat, Nette Tester), Javascript (Node.js), PostgreSQL, Redis

## StartupJobs.cz (Startupedia s.r.o.)

Prague, Czech Republic

FULL-STACK DEVELOPER

Nov. 2013 - Mar. 2017

- Development, testing, and maintenance of job portal for startups in Czech Republic.
- I lead refactoring of application's model layer from Nette Database to Doctrine ORM and I also lead refactoring of application's internal order process and connected it to a new e-payment system.
- Technologies: PHP 5/7 (Nette Framework, Doctrine ORM, Symfony Framework Components, Nette Tester, Codeception, PHPUnit), MySQL/MariaDB, HTML5, CSS (LESS), JavaScript (jQuery)

## Geekshop.cz (Geek Distribution s.r.o.)

Prague, Czech Republic

FULL-STACK DEVELOPER

Nov. 2013 - Apr. 2014

- Development, testing, deployment and monitoring of unique e-commerce solution for e-shop with branded clothing.
- I connected the system to a baking API, improved automatization of store process, like barcode scanning, automatic emails about order confirmation and order expedition.
- Technologies: PHP 5 (Zend Framework), MySQL, HTML, CSS, JavaScript (jQuery), Git, CentOS

## Miscellaneous

Czech Republic

FREELANCE SOFTWARE DEVELOPER

Since Jul. 2011

- Throughout my career as a software developer I worked on several smaller projects, including e-commerce solutions and personal and company websites.
- The largest project was building and maintaining an e-shop for family-run business, where I got to work on all aspects of the solution, including an order and shipping system, reporting and SEO optimization.
- Technologies: PHP (Nette Framework), MySQL, PostgreSQL, HTML, CSS (Tailwind), JavaScript (React, jQuery), Git

## Extracurricular Activity

### Upsilon Pi Epsilon

Prague, Czech Republic

VICE-PRESIDENT

Mar. 2017 - Mar. 2019

- I was elected as the vice-president of the Czech chapter of Upsilon Pi Epsilon honor society.
- Organizing various academic events, managing chapter's communication channels, managing finances.

### Upsilon Pi Epsilon

Prague, Czech Republic

MEMBER

Since Jan. 2017

- I have been accepted to the Czech chapter of Upsilon Pi Epsilon honor society based on my great GPA from B.S. studies.

### Czech Technical University, Faculty of Electrical Engineering

Prague, Czech Republic

TECHING ASSISTANT

Sep. 2016 - Jan. 2017

- I assisted with teaching A4B36SI/A7B36USI - Introduction to Software Engineering classes under Ing. Tomáš Černý, MSc., PhD. supervision.

### Nette Foundation

Prague, Czech Republic

CONTRIBUTOR

Since Jan. 2015

- I have been contributing to Nette Framework documentation and code. I have also attended informal meetings of its community and met many interesting people in the field.

## Publications

### Aspect-driven context-aware services

FedCSIS 2017

KAREL ČEMUS, FILIP KLIMEŠ, TOMÁŠ ČERNÝ

Sep. 2017

- I participated in writing of a publication about research topic related to my Master Thesis.
- Published in 2017 Federated Conference on Computer Science and Information Systems (FedCSIS).
- Keywords: **Business, Service-oriented architecture, Maintenance engineering, Scalability, Complexity theory, Data models, Protocols**

### Separation of Concerns for Distributed Cross-platform Context-aware User Interfaces

ICITCS 2016

KAREL ČEMUS, FILIP KLIMEŠ, ONDŘEJ KRATOCHVÍL, TOMÁŠ ČERNÝ

Sep. 2016

- I participated in writing of a publication about research topic related to my Bachelor Thesis.
- Published in Cluster Computing Journal (impact factor 1.514).
- Keywords: **Aspect-oriented programming, Enterprise information systems, User interface, Code generation**