

Filip Klimeš

SOFTWARE ENGINEER

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Education

Czech Technical University, Faculty of Electrical Engineering

Prague, Czech Republic

M.S. (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

B.S. (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

MEMBER OF TECHNICAL STAFF

Jul. 2022 - Present

- Full-stack developer
- Technologies: **Java, JavaScript (Typescript, AngularJS)**

Cogvio, s.r.o.

Prague, Czech Republic

SENIOR DEVELOPER

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, ElasticSearch, AWS, Docker, Continuous Integration and delivery**

Medevio s.r.o.

Prague, Czech Republic

LEAD DEVELOPER

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**

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 and other HR solutions.
- I lead refactoring of application's model layer from Nette Database to Doctrine ORM.
- I also lead refactoring of application's internal order process and connected it to new e-payment system.
- Later in the development, I specialized mainly on back-end features and performance issues.
- 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 baking and logistic APIs.
- I helped with 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

Jiří Palička s.r.o.

České Budějovice, Czech Republic

FULL-STACK DEVELOPER

Jul. 2011 - May 2013

- Analysis, implementation and maintainance of e-commerce solution for a family business with work clothing and equipment.
- Technologies: PHP 5, MySQL, HTML, CSS

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**