

Ondřej Kratochvíl

SOFTWARE ENGINEER · SENIOR JAVA DEVELOPER

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Experience

Deutsche Börse Services s.r.o.

Prague, Czech Republic

JAVA DEVELOPER

July 2017 - present

- Energy department – development of a platform for electricity trading across Europe
- Focus on performance, high availability and throughput
- Agile development in a scrum team
- Emphasis on test coverage, peer review
- Used technologies including RabbitMQ, Kafka, Spring framework, RxJava, Kotlin flows, LMAX Disruptor, Akka actors, Cucumber, Ansible, Docker

Eagle Eye Networks B.V.

Amsterdam, Netherlands

JAVA DEVELOPER

February 2019 - July 2019

- Development of a cloud video surveillance platform
- Heavy focus on microservices and containerization
- Low level communication with cameras using video protocols
- Used technologies including Spring framework, Kubernetes, Helm, Elasticsearch, FluentBit, FluentD

AspectWorks, s.r.o.

Prague, Czech Republic

JAVA DEVELOPER

November 2016 - May 2017

- JEE application development for Active24 hosting provider
- REST API for calling remote XML-RPC servers, asynchronous request handling via dynamic queues
- Used technologies including JEE, ActiveMQ, MySQL, Arquillian, WildFly

Keyup IT Services, s.r.o.

Prague, Czech Republic

FULL STACK DEVELOPER

June 2014 - July 2017

- Analysis, design, (full stack) development, testing and maintenance of web applications built on Java platform
- Bluenomics - macroeconomic data visualization, parsing large files in various formats
- Martillero - auction site, supporting online auctions
- Wellen Tools - retail management system, complex evidence of past and future states
- Ocellot - thorough POS system, including registration of sales, custom abstract entity filtering module/framework
- Minor system administration tasks (Debian, nginx, Tomcat, Varnish, PostgreSQL)
- Used technologies including Spring framework, Apache Wicket, Hibernate, PostgreSQL, JavaScript (ReactJS, Redux), HTML, CSS, Git, Jenkins, Apache Maven

Education

Faculty of Electrical Engineering of Czech Technical University (FEE CTU)

Prague, Czech Republic

M.S. (ING.) IN SOFTWARE ENGINEERING

September 2016 - June 2018

- Open Informatics programme
- Master's thesis topic: Home health care scheduling
- Attended classes/worked with technologies including Big data/NoSQL, JavaScript, Python, Combinatorial optimization, Parallel algorithms, Evolutionary algorithms

Faculty of Electrical Engineering of Czech Technical University (FEE CTU)

Prague, Czech Republic

B.S. (Bc.) IN SOFTWARE ENGINEERING

September 2013 - June 2016

- Software technologies and management programme
- Bachelor thesis topic: Use of Business Rules in Forms in Information Systems
- Attended classes/worked with technologies including Java, JEE, Spring, C/C++, C#, Unity, Scala, SQL, XML, Software project management, Data mining

Gymnázium Praha 6, Nad Alejí

Prague, Czech Republic

GRAMMAR SCHOOL

September 2005 - June 2013

- Graduated with honours

Certifications

Certificate in Advanced English (CAE)

CAMBRIDGE ENGLISH LANGUAGE ASSESSMENT

- Equivalent to C1 level of the CEFR

Prague, Czech Republic

June 2012

Publications

Distributed Multi-platform Context-aware User Interface for Information Systems

ICITCS 2016

KAREL ČEMUS, FILIP KLIMEŠ, ONDŘEJ KRATOCHVÍL, TOMÁŠ ČERNÝ

September 2016

- Paper presenting the issues of current approach to web application design concerning duplication of concerns and reusability with focus on UI
- The solution to the issues was based on aspect oriented programming (AOP), demonstrated on a case study
- The paper was published in Cluster Computing Journal with impact factor 1.514