felix geller

I'm passionate about building a great team and simplicity in my solutions. My family and running help me to stay in balance while always looking for a new challenge.

Team Lead Software Engineer @ Movio 🇳🇿 since Dec 2012

Led port of high throughput application to send email marketing campaigns from monolithic to microservice architecture.

Go · Scala · akka · Kafka · JSON · Cassandra · Docker · Kubernetes

Set up monitoring, alerting and continuous integration infrastructure for quick turnaround (dev to prod in 1 min) in microservice setting.

Prometheus · Grafana · Jenkins · Docker · Kubernetes

Technical lead for large client integration project.

Scala · akka · XML · MariaDB

Led interface localization of main web application.

PHP · Scala · Java · XSLT · gettext

Ported performance critical segmentation application from row- to column-oriented database to achieve 100-500x speed up.

Scala · PHP · XML · JSON · MariaDB · MariaDB ColumnStore / InfiniDB

Software Engineer @ IPTEGO (now part of Oracle) 🇩🇪 16 months

Designed and developed web application for monitoring and inspection of possible fraud cases in VoIP network.

Python · Flask · Javascript · ExtJS · JSON

Developed a multi-process application to detect and prevent fraudulent use of VoIP networks based on packet inspection.

Python · Redis · ZMQ · JSON

Software Engineer @ SAP Labs 🇺🇸 3 months, internship

Developed compiler-frontend and AST transformer for research programming language.

Newspeak · Javascript

Software Engineer @ Finnlabs 🇩🇪 16 months, part-time

Transformation of semi-structured dictionary data for optimized search access on pons.eu.

XSLT · Java

Developed web application interface for community-driven dictionary.

Ruby · Ruby on Rails

Software Engineer @ SAP Research 🇨🇭 7 months, internship

Developed a mobile phone application to enable end-user access to SAP business services.

Java · XML · Android

Implemented an OASIS standard-compliant web-service messaging component.

Java · SAP Netweaver JEE · XML

Web Developer @ Worcester Polytechnic Institute 🇺🇸 13 months, part-time

Developed web interface to manage sensor readings from fire safety experiments.

Java · JSP/Servlets · Oracle DB

Assisted transport as community service @ Red Cross 🇩🇪 10 months

Software Engineer @ Charles River Laboratories 🇺🇸 2 months, internship

Designed and implemented a phone directory with support for user privileges.

Java · JSP/Servlets · MS SQL Server · MS Access

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Tech

☕ Java	######	🦭 MariaDB	####	🌐 Emacs	########
🥤 Scala	####	⧉ Kafka	##	🐃 coreutils	#####
🐹 Go	##	🦭 ColumnStore	##	🔶 git	#####
🇯🇸 Javascript	##	🐦 Cassandra	##	👤 Jenkins	####
🐍 Python	##	🟥 Redis	##	🔲 XML	####
🔻 Ruby	#	🐳 Docker	##	⚫ JSON	###
🐘 PHP	#	☸ Kubernetes	#		

 # for one year experience

Academia

M.Sc. @ Hasso Plattner Institut 🇩🇪 in 2010
B.Sc. @ Worcester Polytechnic Institute 🇺🇸 in 2007

Ph. D. candidate @ Hasso Plattner Institut 🇩🇪 10 months
Teaching Assistant @ Hasso Plattner Institut 🇩🇪 6 months
Research Assistant @ Brown University 🇺🇸 2 months

credits