

Curriculum Vitae

Personal information

First name / Surname **Florian Topf, MSc.**
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Work experience

| | |
|--------------------------------------|--|
| Dates | 15/11/2016 → |
| Occupation or position held | Senior software engineer |
| Main activities and responsibilities | Development of a multi-national marketplace solution with Node.js in Typescript (Nest.js), Java (Spring), Go and Python on the backend and Typescript (Angular) on the frontend; Leveraging PostgreSQL, BigQuery, ElasticSearch and Pub/Sub; System engineering on Google Cloud Platform with Terraform and Kubernetes on GKE; Continuous integration and deployment with Jenkins. |
| Name and address of employer | Erento GmbH Wrangelstraße 100, 10997 Berlin (Germany) |
| Dates | 01/12/2014 → 31/07/2016 |
| Occupation or position held | Lead software developer / Scrum master |
| Main activities and responsibilities | Development of a multi-national marketplace solution with PHP (Symfony and Zend), PostgreSQL, Redis, ElasticSearch and RabbitMQ on the backend; Typescript (Angular) on the frontend; Agile software development with Kanban and Scrum; Management of internal Javascript Usergroup. |
| Name and address of employer | Rocket Internet SE / Rocket Labs GmbH & Co. KG Johannisstraße 20, 10117 Berlin (Germany) |
| Dates | 01/05/2011 → 31/10/2014 |
| Occupation or position held | Technical manager / Senior software developer |
| Main activities and responsibilities | Management tasks at the FP7 Project "IMPEX"; Design and implementation of the project's website with Typo3 and a SOA-oriented data access portal with Scala (Play) and Typescript (Angular); Requirements engineering and architectural design of the IMPEX infrastructure; Lectures, workshops and computer science related publications; General IT consulting activities. |
| Name and address of employer | Space Research Institute - Austrian Academy of Sciences Schmiedlstrasse 6, 8042 Graz (Austria) |
| Dates | 01/06/2010 → |
| Occupation or position held | Software developer / Consultant |
| Main activities and responsibilities | Backend development with Node.js (Nest.js) PHP (Symfony), Scala (Play), databases with PostgreSQL and MongoDB; Frontend development with Typescript (Angular, React); Linux system administration; Kubernetes and Firebase deployment; General IT and business consulting tasks. |
| Name and address of employer | Self-employed |
| Dates | 01/02/2009 – 31/12/2011 |
| Occupation or position held | Member of the initiative project team |
| Main activities and responsibilities | "Multiversum Graz - Planetarium and Science Multimedia Centre for Public Education and Entertainment"; Creation of the project proposal and business plan in German and English. |
| Dates | 01/04/2007 – 31/12/2012 |
| Occupation or position held | Technical manager / Junior software developer |
| Main activities and responsibilities | Participant in the FP6/FP7 Project "EuroPlaNet"; Task leader and technical manager for RTD activities at the Space Research Institute; Design and implementation of custom websites and SOAP services with PHP and MySQL as well as informational websites with Typo3. |

Name and address of employer | Space Research Institute - Austrian Academy of Sciences
Schmiedlstrasse 6, 8042 Graz (Austria)

Dates | 01/08/2006 – 31/08/2006

Occupation or position held | IT Assistant

Main activities and responsibilities | Internship: Development of an interactive bibliography database based on PHP and MySQL.

Name and address of employer | Space Research Institute - Austrian Academy of Sciences
Schmiedlstrasse 6, 8042 Graz (Austria)

Education and training

Dates | 01/09/2010 – 10/07/2012 and 01/09/2012 – 05/02/2014

Title of qualification rewarded | Bachelor of Science in Engineering (BSc.) and Master of Science in Engineering (MSc.)

Principal subjects / occupational skills covered | Studies in software development and design, business administration, project and marketing management, service engineering, computer networks, applied mathematics and physics.

Name and type of organisation providing education and training | FH Campus02 (University of Applied Sciences)
Körblergasse 126, 8021 Graz (Austria)

Dates | 01/10/2003 – 01/07/2010

Principal subjects / occupational skills covered | Studies in all fields of mathematics, software development, electronics and theoretical informatics.

Name and type of organisation providing education and training | Technische Universität Graz (Technical University)
Rechbauerstraße 12, 8010 Graz (Austria)

Personal skills and competences

Mother tongue | **German**

Other languages

Self-assessment

English

| Understanding | | | | Speaking | | | | Writing | |
|---------------|-----------------|---------|-----------------|--------------------|-----------------|-------------------|-----------------|---------|-----------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user | C2 | Proficient user |

Common European Framework of Reference (CEF) level

Social skills and competences | Excellent team spirit since my work was always organized in international teams; Good ability to adapt to multicultural environments, gained through my work experience abroad; Excellent communication skills gained through various international conferences, workshops and as scrum master.

Organisational skills and competences | Trained in leadership, coordinating projects in small working groups, task distribution, monitoring and team meetings; A good sense of organisation since I had plenty of cross-functional responsibilities in my previous positions; Excellent experience in project development and management.

Technical skills and competences | Advanced knowledge in theoretical informatics; Basic knowledge in mechanics, electronics and space physics.

Computer skills and competences | Extensive knowledge in object-oriented software design, requirements engineering, test-driven and agile software development; Extensive knowledge in software architectures, databases, web services, version control systems; Advanced knowledge in cloud environments, Linux system administration, continuous integration and deployment.

Artistic skills and competences | Good knowledge in analogue photography, filming, video cutting, graphic design and image compositions; Creator of the the-escalated-publisher.at analogue photography log.

Driving licences | A1, A, B, B1, BE

Additional information

List of all references: floriantopf.com/docs