

# Jonas Gröger

## Resume

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## Professional Experience

- 2021 – present **Senior IT-Consultant**, *Codecentric AG*, Nürnberg.
- Design and development of a middleware to securely transmit documents.  
Spring Boot | t.b.d.
- 2017 – 2020 **Senior Software Developer (Consultant)**, *Senacor Technologies AG*, Nürnberg.
- Takeover and development of several Big Data applications that handle securities trading. Responsible for feature development, developer tooling, automation for non-technical users and managing the CI/CD process.  
Challenges: Large and inconsistent data schemas (1000+ columns without defined business context), dealing with test data dependencies, disaster recovery.  
Scala | Hadoop | Python | MSSQL | Nexus | UC4 | Teamcity | Grafana | Bash
  - Rewrite of an old web application. As the technical lead on team of 5, I was responsible for requirements engineering (workshops, reverse engineering), conceptual design and implementation. This included leading junior developers and creating working packages. The early integration of developers in the development cycle was very exciting.  
Spring Boot | JPA (Oracle) | Groovy | Angular | Jenkins CI | Bash
  - Interviewed 30+ software developers (interns to senior developers).
  - Reimplementation of a credit insurance application flow. In a team of 8 developers and 4 business analysts we implemented a solution using the Scrum method. Through close customer integration, good test coverage and a strong team we delivered in-time, in-scope, in-budget and with 0 bugs. By going pre-live two weeks in advance, production day was a one man job for 2 hours.  
Spring Boot | Angular | OpenAPI (contract first) | OpenShift | Gatling | Jenkins
  - Development of a customer self-service portal of a credit bank. My work included responsive webdesign, API design and integrating native apps with our API.  
Spring Boot | AngularJS | OpenShift | Gatling | Grafana | Jenkins | Bash
  - Further development of a existing master data application for B2B customers. I introduced Continuous Deployment (one commit = one deployment) to the application and the team.  
Spring Boot | AngularJS | OpenShift | Grafana | Jenkins | Bash
- 2015 – 2017 **Working student (software developer)**, *noris network AG*, Nürnberg.
- Building a data stream platform. Responsible for reliably streaming data from various sources to Apache Kafka topics. Also, I developed several applications which, using continuous queries, provided real-time business metrics such as network traffic flows and routing faults. These were visualized in Grafana or custom websites.  
Apache Flink + Kafka | Docker | Scala | Python | Ansible | Bash | GoCD
  - Extension of a OSS PHP legacy software (Poweradmin) with audit functionality. [Browse Patches].  
PHP | MySQL
  - Developed a Open Source MediaWiki plugin with a DSL to embed external data (i.e. from a HTTP API) into MediaWiki pages on the server side.  
MediaWiki | PHP
  - Developed a JIRA plugin to efficiently handle large amounts of user stories for prioritizing.
  - Packaged Software for Debian, PyPI (Python) and Packagist (PHP).
  - Helped setup a best-practices Continuous Delivery pipeline for software projects using Docker.

2015 – Today **Web designer**, *Physiotherapie Gröger (physical therapy)*, Remote.  
○ Design and development of a physical therapists website.  
HTML | CSS | JavaScript | PHP | Live @ <https://physiotherapie-groeger.de/>

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## Education

2017 **M.Sc. Computer Science**, *FAU Erlangen-Nürnberg*, Grade: 1.9.

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## Student activities / Internships

2012 – 2015 **System Administrator**, *Student council of information systems*, Nürnberg.  
Setup, maintenance, documentation and handover of a server with a multitude of services.  
Apache | MySQL | Teamspeak | bup | Live @ <https://fsi-winf.de/>

2013 – 2014 **Student assistant (software developer)**, *FAU Erlangen-Nürnberg*.  
Concept and implementation of of a android application; Development of a case management software based on JavaEE and Google Web Toolkit.

2009 (2 months) **Internship (software developer)**, *Thüga MeteringService GmbH*.  
Concept and implementation of a lunch ordering software with network and database connectivity in Delphi.

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## Projects

Modular Bank Hackathon Integration of a credit scoring service into a core banking system. Responsible for the automated deployment in AWS (ECS) using GitHub Actions, custom domain, HTTPS and load balancing.

jetbrains-ppa Development and operation of a 1000 downloads/month debian repository for JetBrains products (IntelliJ IDEA, etc.). New releases are automatically found and deployed to the debian repository and GitHub.  
Code @ <https://github.com/JonasGroeger/jetbrains-ppa>

acme.sh-inwx Automation of the DNS-01 validation of domains (LetsEncrypt) for inwx.de  
Code @ <https://github.com/JonasGroeger/acme.sh-inwx>

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## In a nutshell

Languages German (native), English (fluent), French / Chinese (survival)

Conferences Flink Forward 2016; CCC 2012, 2013, 2014; Javaland 2018; JAX London 2019

Hobbies woodworking, cycling, map nerd