Raik Bieniek

Resume

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🌐 rbi

Experience

Professional

11/2019 – today   **Freelance Developer**, *Avision GmbH*, Oberhaching.
Development on an API-Gateway for a large logistics service provider
- backenden development with Apache Karaf (OSGI), Apache Camel, Spring Core
- maintenance and error analysis for the high available productive environment (DevOps)
- analysis of log files using the ELK stack (Elasticsearch, Logstash Kibana)
- gathering knowledge and documentation for an existing software system
- RedHat/CentOS Linux administration, especially Apache HTTP Server, OpenLDAP

11/2019 – today   **Freelance Developer**, *Avision GmbH*, Oberhaching.
Further development for a Liferay based web application.
- development and administration of a portal application (DevOps)
- development of Liferay portlets
- create Oracle database queries for development and analysis purposes
- RedHat/CentOS Linux administration, especially Apache HTTP Server, Apache Tomcat

10/2019   **App Developer**, *self-employed*, Munich.
App development for Samsung Smartwatches
- Development of the app "Remote for Kodi", an app for remote controlling the Kodi mediacenter.
- Selling in the Samsung Galaxy Store
- Frontend development with the web technologies Typescript, React and NPM
- Creation of React components for TAU (Github: rbi/tau-react)

11/2016 – 09/2019   **Senior Consultant - Software Developer**, *Saxonia Systems AG*.

02/2016 – 09/2019   **Consultant - Software Developer**, *Saxonia Systems AG/Carl Zeiss Meditec AG*, München.
Work on improving the eye care data management system FORUM.
- Develop new features for a large software system with multiple Scrum teams.
- Technical lead and Scrum Master for a team of 4-5 developers and testers.
- Work on a large JavaFX based application, e.g. to improve performance and memory usage when displaying high-resolution images.
- Develop some features for the Spring Boot based server.
- Implement an Angular based Add-On for the main JavaFX client.
- Other areas : Spring Core, TeamCity plug-in development, installer creation with Install4J, Docker image creation, system test creation with TestFX and QF-Test

11/2013 –02/2016	**Consultant - Software Developer**, *Saxonia Systems AG*, Görlitz/Dresden. Worked in a Scrum team on developing new features for the digital Scrum board eteoBoard.

- Development of new features for the JavaFX based Desktop Client.
- Implementation of custom CDI Scopes to improve resource usage of the server.
- Wrote code in multiple languages as needed, e.g. Java code for the client and server, C# code for a Microsoft TFS plug-in and Pascal code for an Inno Setup based installer.
- Reduced complexity of the system by redesigning its modularization.
- Creation of REST Services with JAX-RS/Jersey
- Implement database access with JPA/Eclipse Link
- Worked in many areas of the software development process including software design, implementation, automated and manual testing and customer support.

11/2011 –12/2015	**Working Student/Private**, *Saxonia Systems AG*, Görlitz. Developed the library SynchronizeFX which allows sharing data models based on JavaFX properties over network connections.

- Simplified the implementation of data model synchronization in JavaFX based applications by implementing automatic detection of data structures using reflection.
- Allow concurrent modification of shared data by implementing automatic detection and solving of conflicting changes.

Miscellaneous

12/2017 –04/2019	**rddns**, *private project*. Development of a Rust based application for updating DynDNS entries.

06/2014 –12/2016	**Trading4j**, *private project*. Wrote a Java library that allows to implement reusable and testable expert advisors for automated forex trading.

- Wrote integration for the 3rd-party trading terminal MetaTrader using C and MQL4.

11/2011 –today	**Debian based home server**, *private project*. Hosting of many services for private use.

- This includes among others OpenLDAP, MIT Kerberos, Bind, Postfix, Dovecot and Apache HTTP Server.
- Used technologies: Docker, Docker Compose

Education

10/2011 –11/2013	**Master of Science, Informatik**, *Hochschule Zittau/Görlitz – University of Applied Sciences*, overall grade: 1.4.
10/2008 –10/2011	**Bachelor of Science, Informatik**, *Hochschule Zittau/Görlitz - University of Applied Sciences*, overall grade: 1.5.

Qualifications

01/2016	**iSAQB Certified Professional for Software Architecture, Foundation Level**, *oose Innovative Informatik eG*, Dresden.
11/2010	**UNIcert Stufe II in der englischen Sprache**, *Hochschule Zittau/Görlitz*, Görlitz.

Skills

Programming Languages	Java, Typescript, JavaScript, Rust, learning new language

Frameworks and Tools	Linux (Debian, Ubuntu), Docker, Spring, Spring Boot, JavaFX, CDI/Weld, JAX-RS, JPA, Apache Camel, PostgreSQL, Oracle DB, Maven, Git, Angular, NPM, Jenkins, TeamCity, IntelliJ
Other experiences	large software systems, TDD, leading small teams, Scrum, learning new technologies
Languages	German, English