Rudolf M. Schreier, MSc ETH CS

summary

Full stack developer with 3 years' experience in Java, C# and Python development. Specific industry experience in CRM and eCommerce.

experience

Oct. 2016 - Oct. 2017

Full-stack Software Engineer BSI AG | Zürich, Baden (AG)

BSI Business Systems Integration AG is specialized in developing customized CRM and Customer Service solutions for the banking and insurance industries.

- Customized existing solutions to customer requirements in teams of size 3 to 7
- Analyzed and formulated customer requirements as agile stories
- Accompanied project execution from proof-of-concept to release and maintenance
- Managed Continuous Integration for builds as well as test runs
- Monitored and executed database migrations on various customer-dependent infrastructures
- Fixed bugs and implemented new features on the core product (BSI CRM) used throughout all customer solutions (6 months duration)
- Frequently used tools/libraries: Java 7 8, Eclipse Scout, PostgreSql, Oracle SQL,
 Javascript, Git, SonarQube, Gerrit, Jenkins, Maven

Jan. 2015 - Jul. 2016

Full-stack Software Engineer
Digitec Galaxus AG | Zurich

Digitec Galaxus AG operates Switzerland's largest eCommerce websites digitec.ch and galaxus.ch.

- Designed libraries for testability and scalability
- Improved use of agile methods using Scrum and Kanban
- Evaluated architectural decisions (e.g. use of IoC containers)
- Managed team-wide (headcount 6) refactoring resources
- Led 3-month department-wide (headcount 25) project on improving testability and maintainability of a 1m SLoC solution
- Led workshops on SOLID, Agile tenets
- Managed Continuous Integration for builds as well as test runs
- Defined the best approaches towards unit, end-to-end and manual testing
- Frequently used tools/libraries: C# 6, ASP.NET MVC, Visual Studio, T-SQL, MS
 SQL Server, JIRA, Confluence, Scrum, Kanban, Git, SonarQube, TeamCity

Special achievements

Worked closely together with the Head of Engineering and Head of Business Development to formulate strategies to enable code and test reuse throughout the department.

education



Name Rudolf M. Schreier

Date of birth 20.09.1990

Nationality / Residence permit German / Residence permit B

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W: http://leastsignificantbit.de





Skills

C#
Java
Python
TypeScript
Javascript

Languages

German Native

English Fluent (IELTS 8.0)

French A2 Japanese A1

Eidgenössische Technische Hochschule Zürich (ETH)

Feb 2012 - April 2014

MSc Computer Science

Focus: Computer Graphics, Software Engineering

Eidgenössische Technische Hochschule Zürich (ETH)

Sep 2008 - Feb 2012

BSc Computer Science Weighted grade avg. 5.04/6

IT skills detail

Technology	Years of experience	Last used	Frequency
Java 1.6 – Java 8	10 years	Currently	Daily
Git	7 years	Currently	Daily
SQL	5 years	Currently	Several times a week
Python	5 years	Currently	Daily
C#	3 years	Currently	Several times a week
TypeScript	2 years	Currently	Several times a week
Javascript	5 years	Currently	Several times a week
C++	2 years	2014 (Degree)	Daily
Vue.js	1 year	Currently	Daily
Angular.js	1 year	2015 (Hobby project)	Daily

hobbies and interests

Tech-related Full-stack side projects (C#, TypeScript, Vue.js)

Other Bodyweight fitness, yoga