

Robert Andruschow

DEVOPS ENGINEER · MATHEMATICIAN

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Education

Technische Universität Berlin

Berlin, Germany

B.Sc.(1.8) + M.Sc.(CANCELED WITH 1.2) ENGINEERING MATHEMATICS (TECHNOMATHEMATIK)

Oct. 2007 - PRESENT

- Foundation of mathematical background: Linear Algebra, Analysis, Differential Equations, Numerics, Probability Theory
- Some education in programming, algorithms and technical engineering
- Specialization in Differential Equations Theory, -Modelling and -Numerics and Non-Linear Optimization
- Exploring the scientific field of Machine Learning

Jobs and Projects

Lebenshilfe Leipzig e.V. - Haus Rosenweg

Leipzig, Germany

ALTERNATIVE CIVILIAN SERVICE

2006 - 2007

- Working with mentally disabled people

Studentenring

Berlin, Germany

AFTER-SCHOOL TUTOR

2009 - 2011

- Teaching students in mathematics

Developing a software for the Pawn Shop Business

Berlin, Germany

SELF-EMPLOYED

2011 - 2013

- Development of a rich-client app in C# and .net

Bonial.com (kaufDA.de|retale.com|bonial.fr|meinprospekt.de)

Berlin, Germany

BACKEND DEVELOPER / WORKING STUDENT

Jul. 2011 - Sep. 2017

- Implementing web apps, KPI logic and b2b logic in spring-* and grails
- Maintaining main notification system
- Dealing with design and migrations of various db systems
- First steps using auto-scaling patterns, anti-trainwreck patterns, Microservices, AWS and Behaviour Driven Development / automated testing approach
- Working in an international always-growing and -learning IT team using Scrum and Kanban

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Berlin, Germany

DEVOPS ENGINEER

Oct. 2017 - PRESENT

- Extending and maintaining our AWS infrastructure
- Automatize and improve our Software Development Lifecycle
- Design our Continuous Integration/Delivery processes and pipelines

Experience

+ FIRST-STEPS EXPERIENCE

++ FREQUENT HANDS-ON EXPERIENCE

+++ LOTS OF EXPERIENCE

+++ AWS: Cloudformation and IaC
+++ java <= 8
+++ groovy
+++ git
+++ ActiveMQ and JMS
+++ Microservices

++ ruby
++ mysql,mongodb,dynamodb
++ Terraform
++ C#

+++ spring-*
+++ spring-core
+++ grails <= 3.*
+++ unit/integration testing
+++ postgres
+++ bash

++ TDD/BDD
++ python, numpy, scipy
++ .net
+ Machine Learning