

# Robert Andruschow

DEVOPS ENGINEER · BACKEND DEVELOPER

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## Jobs and Projects

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

Berlin, Germany

DEVOPS ENGINEER

Oct. 2017 - PRESENT

- Design and implement SDLC/CI/CD processes
- Initiated containerization in the company, first with AWS ECS, then with kubernetes
- Building and extend staging environment creation app, metrics collection and filtering process, logging infrastructure
- Extending and maintaining our AWS infrastructure using infrastructure-as-code
- Main go-to-person for all SDLC revolving topics for our around 100 developers

### Bonial.com (kaufDA.de|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
- 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

### Developing a software for the pawn shop business

Berlin, Germany

SELF-EMPLOYED

2011 - 2013

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

### Studentenring

Berlin, Germany

AFTER-SCHOOL TUTOR

2009 - 2011

- Teaching students in mathematics

## Experience

+ FIRST-STEPS EXPERIENCE

++ FREQUENT HANDS-ON EXPERIENCE

+++ LOTS OF EXPERIENCE

+++ AWS CloudFormation and terraform  
+++ k8s: cluster setup(EKS/kops), CI/CD, helm  
+++ CI/CD, Spinnaker, Jenkins, Bitbucket Pipelines  
+++ java, spring-\*, hibernate, maven  
+++ git  
+++ AWS Kinesis, ActiveMQ  
+++ bash

+++ AWS: Lambda, ElasticSearch, Permission Mgmt, RDS, EC2, ALB and ASG  
++ mysql, mongodb, influxdb  
++ C#  
+ golang, node.js  
+ Prometheus, Icinga

+++ Docker  
+++ AWS ECS  
+++ microservices  
+++ groovy, grails <= 3.\*, gradle  
+++ unit/integration testing, TDD/BDD  
+++ postgresql  
+++ linux, macOS, Windows

++ python, numpy, scipy, ruby  
++ .net  
++ puppet  
+ Machine Learning

## Education

### Technische Universität Berlin

Berlin, Germany

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

Oct. 2007 - 2017

- 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