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

Bonial.com *Berlin, Germany*

DevOps Engineer *Oct. 2017 - PRESENT*

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

Experience

+ First-steps experience   ++ Frequent hands-on experience   +++ Lots of experience

+++	AWS: Cloudformation and IaC		+++	spring-*
+++	java <= 8		+++	spring-core
+++	groovy		+++	grails <= 3.*
+++	git		+++	unit/integration testing
+++	ActiveMQ and JMS		+++	postgres
+++	Microservices		+++	bash
++	ruby		++	TDD/BDD
++	mysql,mongodb,dynamodb		++	python, numpy, scipy
++	Terraform		++	.net
++	C#		+	Machine Learning