

Florian Schaeffler

Senior Software Engineer



Personal Info

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Date of birth

25 July 1983

LinkedIn

[linkedin.com/in/fschaeffler](https://www.linkedin.com/in/fschaeffler)

GitHub

github.com/fschaeffler

WWW

sfit.services

Skills

Amazon Web Services



Node.js / JavaScript



Distributed Systems



Distributed & Remote Work



Scrum / Agile Methods



Senior Software Engineer (**5 x AWS Certified** and **2 x Node.js Certified**) with **12 years of hands-on experience** as **Cloud Architect** and **Software Engineer** with a focus on web-application scaling and system reliability with a good sense for IT-security. Proven track record of on-premise / hosted to AWS migrations as well as **highly scalable back-ends** with up to **100.000 requests per second**. A focused, dedicated and passionate self-starter committed to problem-solving with in-depth experience of **agile** methods. Driven to delivering innovative solutions to inspire and impact whole teams. **AWS** enthusiast, who's eager to share knowledge as a mentor or by the right leadership to let team members grow into it.

Experience

Jun 2012 -
present

Owner

Schäffler Florian - IT-Services

- Public cloud (AWS) architectural designs, implementation, and administration
- Network and systems administration
- Troubleshoot and debug severe issues on Production systems and technical issues
- Software development projects with main focus on highly scalable web-applications together with the Serverless Framework (AWS) and Node.js
- Monitoring of infrastructure health
- Project manager and software engineer for migration projects to Node.js
- Sectors: ad tech, credit card, healthcare, web-development agencies

Sep 2016 -
present

Private Lecturer

Technical University Nuremberg

- The subject is "Scalable Web-Applications in the Cloud" for a Master of Engineering in Software Engineering
- Focus is on practical as well as theoretical aspects of cloud computing
- Examples and hands-on exercises are developed with Serverless Framework (AWS), Node.js, Angular and Ruby on Rails

Aug 2016 -
Oct 2019

Chief Technology Officer

Hi-Key Resources Pty. Limited

- 100% remote company distributed over 4 countries on 3 different continents
- Decider on technical short-, mid- and long-term strategy and architecture of 6 different SaaS products for mobile, web and desktop
- Overseeing software development process of the IT team
- Enabling team members to constantly improve their quality by implementing static code analysis tools (automated testing, mandatory code reviews, load testing, code style rules, and coding conventions, etc.)
- Backend development for Node.js based products
- Troubleshoot severe issues on Production systems and technical issues
- Responsible for the complete technical hiring process
- Overseeing public cloud hosting IT-infrastructure work and changes
- Supervising data privacy matters for all on-going and upcoming projects
- Technical project and product management
- Hired 5 software engineers and 2 software quality engineers

Nov 2015 -
Jul 2016

Head of IT-Infrastructure

Hi-Key Resources Pty. Limited

- Responsible for the whole public cloud IT-infrastructure architecture of a Node.js based large-scale and distributed product portfolio by means of design, scaling, maintenance, health monitoring, debugging and troubleshooting on the application as well as OS level
- Design new public cloud IT-systems running on AWS

Tech Stack

Application & Data

Aerospike, ExpressJS, JavaScript, Linux, MongoDB, Node.js, Serverless, ES6, LinkedIn API, MariaDB, Meteor, React.js, Mongoose, Power BI Embedded, Sequelize, Electron, HTML, Knex.js, Moment.js, MySQL, Prettier, Redis, Robomongo, TypeScript, Underscore, CSS, DBeaver, jQuery, JSON, Markdown, Microsoft SQL Server, nginx, Rails, Ruby, Sidekiq, YouTrack, ESLint, Git, GitHub, Mocha, Babel, Chai, Docker, GitLab, Puppeteer, SinonJS, Sublime, Webpack, Bitbucket, fastlane, Jenkins, npm, Server Density, SonarQube, Travis CI, Yarn, BrowserStack, Capistrano, Claudia, Codeship, GTmetrix, Nightwatch.js, Selenium, TestFlight, Uptime Robot

Cloud Computing

AWS (Elastic Beanstalk, Lambda, EBS, EC2, RDS, Aurora, S3, DynamoDB, X-Ray, ECS, ElastiCache, LightSail, CloudWatch, Elastic Load Balancing, Config, CloudTrail, API Gateway, CloudFront, Route 53, SES, IAM, KMS), Azure Functions, Azure SQL Database

Utilities & Services & Business Tools

Slack, LastPass, Jira, LingoHub, Litmus, Mailchimp, Zapier, Asana, Balsamiq, Confluence, Jekyll, Kraken.io, Postman, Stripe, Swagger UI, Wistia, Auth0, Let's Encrypt

Languages

English
Fluent

German
Native

Greek
Intermediate

Spanish
Basic

- Migration of all existing IT-systems from classic hosters, Microsoft Azure and Google Cloud Platform (GCP) to the public cloud provider AWS, which had been achieved after 4 months.
- Implemented best practices for infrastructure as a code, automated testing, systems documentation writing, self-monitoring, and healing environments, in order to ensure a reliable IT-infrastructure based on automation
- Achieved close to 0 Production downtime

Apr 2014 -
Oct 2015

Scrum Master & DevOps Lead

The Mobility House GmbH

- Scrum master of a remote team (4 different countries)
- Core product consisted of a web-application for the management process for the setup of a personal charging infrastructure for electric vehicles
- Responsible for design, setup, monitoring, debugging and troubleshooting of all of all on-premise hardware as well as remote systems.
- Built up the IT-office infrastructure of this company, which grew from 5 to over 100 employees.
- Migration of the IT-infrastructure to the public cloud (AWS) within 6 month

Jun 2010 -
Mar 2014

Software Developer

metallogic Software AG

Development of software with Ruby on Rails, C#, .Net, WPF, Silverlight, MSSQL

Sep 2009 -
Mar 2010

Software Developer (Intern)

Hetzner Online AG

Creation of a system used for network abuse tracking with Ruby on Rails

Aug 2008 -
Feb 2009

Software Developer (Intern)

Candor Technologies Pty. Ltd.

Development of custom software with C#, .Net and MSSQL

Education

Oct 2011 -
Mar 2015

Technical University Nuremberg, Nuremberg, Germany

- Master of Engineering in Software Engineering (extra occupational studies)
- Thesis: GPGPU - An Artificial Neural Network in C++ AMP

Oct 2006 -
Mar 2010

Furtwangen Hochschule University, Furtwangen, Germany

- Bachelor of Science in Computer Networking
- Thesis: Conception and Implementation of an integrated Information-System about Traffic-Anomalies in a Data-Center Compound

Certification

Dec 2019

JSNAD: OpenJS Node.js Application Developer

Dec 2019

JSNSD: OpenJS Node.js Services Developer

Jul 2019

AWS Certified Security - Specialty

Jun 2019

AWS Certified Solutions Architect - Associate

Jun 2019

AWS Certified SysOps Administrator - Associate

Jun 2019

AWS Certified Developer - Associate

Jun 2019

AWS Certified Cloud Practitioner

Feb 2019

Stanford Center for Professional Development - XMS&E100-003: Introduction to Innovation and Entrepreneurship

Mar 2014

Certified Scrum Master