

# DR. STEPHAN MICHARD

Engineer | Scientist | Cloud Enthusiast

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## About Me

An outcome-oriented senior IT consultant with a passion for designing solutions for customers that provide them a competitive advantage to become market leaders in their respective industries.

## Work Experience

### Dell Technologies - Neuss

Senior Solutions Architect

10.2019 - Present

Specializes in creating IT solutions for complex environments, with focus on software-defined storage, hyper-converged infrastructure (HCI) & cloud solutions. Responsible for Enterprise Tier clients, including one of the biggest multinational automotive parts manufacturing company in the world. Managed projects with budgets between € 500.000 – € 12M/project, from planning, ROI calculation and team constellation mgt. to execution and maintenance. Amassed significant expertise in Cloud Foundry and Kubernetes. Represented the company as speaker and attendee at national & international events

### EMC (after merger in 2016, Dell EMC) - Leonberg

Systems Engineer

02.2015 - 09.2019

Developed and designed IT solutions, specializing in storage, automation, converged infrastructure & private/hybrid cloud in complex environments. Responsible for clients in Enterprise Tier with budgets of € 200.000 – € 4M/project. Significantly scaled the HCI business and increased revenue through proactive collaboration with partners to extend product reach and generate new opportunities. Was chosen as one of 90 delegates from Dell EMC's 4,000 Systems Engineering employees to partake in the company's exSEllence class, a one-year leadership development program, with proposals ultimately presented to Mgt. Board at Dell EMC HQ.

### Institute for Energy and Climate Research - Jülich

Research Scientist

04.2014 - 01.2015

Spearheaded technology transfer between academic and industrial partners, including its project mgt., optimization of production capacities and ROI prognosis.

Research Associate

04.2011 - 03.2014

Conducted in-depth research on silicon layers and layer stacks utilized in the development and optimization of solar cells.

## Languages

German - Native

French - Native

English - Professional

## Skills

### Datacenter

Compute - Storage - Networking

HCI - SAN - NAS - Back-Up

IaaS - CaaS - PaaS

### DevOps & Cloud

Linux - GCP

Git - Docker - CI/CD - Terraform

Kubernetes - Cloud Foundry

### Coding

R - HTML - CSS - Hugo

## Interests

Running

Cycling

Coding

Photography

## Education

### Dissertation Defense

RWTH Aachen University

Thesis Title: Relation between growth rate, material quality and device grade condition for intrinsic microcrystalline silicon

February 19, 2015

### PhD in Electrical Engineering

RWTH Aachen University

Participant of the Helmholtz graduate school in energy & climate research

2011- 2014

### Diploma in Electrical Engineering

RWTH Aachen University

2005 - 2011

## Projects

### Cloud Bites Tutorial

Tutorial to introduce the basics of application deployment in a cloud-native environment.

- Available on GitHub 

### graphR.

Automation and simplification of the analysis of RV Tools exports.

- Available on GitHub 

## Certifications

**Certified Kubernetes Application Developer (CKAD) - Linux Foundation**

**Enterprise Design Thinking Practitioner - IBM**

**IBM Garage Essentials - IBM**

**Cloud Digital Leader - Google Cloud**

**Associate Cloud Engineer - Google Cloud**

**Professional Product Owner I - Scrum.org**

**Professional Scrum Master I - Scrum.org**

**Cloud Foundry Certified Developer - Linux Foundation**

## Awards

**Dell Presidents Club 2022**

**Dell exSEllence class 2019**

**EMC Elect 2016 & 2017**

**Top Newcomer Award Q2 2015**