

# Dr. Chris Schindlbeck

## Curriculum Vitae



## EXPERIENCE

OCT 2024 – PRESENT

LYNQTECH GmbH

### DevOps Engineer

Designed and implemented scalable AWS-based infrastructure using Terraform and Kubernetes to support a multi-tenant energy cloud platform

Spearheaded transformation to scalable, highly-available CI/CD pipelines via GitHub Actions

Enabled developers to utilize GitOps deployments using FluxCD with Helm/Kustomize, reducing deployment errors and improving auditability

AUG 2020 – SEP 2024

IAV GmbH

### DevOps/Software Engineer

Led DevOps initiatives for wind turbine control systems, including CI/CD pipeline development, cloud deployment, and automated testing in AWS

Migrated ML model deployments to Kubernetes with Kubeflow, enabling reinforcement learning experiments at scale

Developed and maintained integration pipelines as well as automated provisioning for autonomous agricultural robots

JUN – JUL 2020

EXIN

### Training as Scrum Master / Product Owner

EXIN Certification in Scrum (Product Owner, Scrum Master)

MAR – MAY 2020

Freelance

### Software Developer for Computer Vision

Computer Vision (Python, OpenCV) Tasks for Autonomous Driving (Navigation, Object Detection)

OCT 2013 – DEC 2019

Leibniz Universität Hannover

### Research Assistant - Robotics & Optics

Software Development for Image-based Sensor Fusion and Robotic Force Control

IT-Representative und Serveradministrator

NOV 2012 – SEP 2013

Kastanienbaum GmbH (now Franka Robotics)

### Software Developer for Robotics

Software Development for Modeling, Identification and Control of Low-cost Lightweight Robots

## SKILLS

### Programming & Scripting Languages

Python, bash, HCL, YAML, XML, JSON, Lua, Powershell, C/C++, Matlab / Simulink / Stateflow, Rust, Groovy, Go

### DevOps & Cloud Technologies

git, Docker/Docker Compose, Ansible, Kubernetes, Terraform, AWS, Jenkins, GitLab, GitLab CI, GitHub, GitHub Actions, Azure DevOps, Dynatrace

### Software Development

Linux (Ubuntu, Arch, Debian, Fedora, Kali), Robot Operating System (ROS, ROS2), Agile Development (Scrum, Kanban), Free and Open Source Software, Object-oriented Design

### Soft Skills

Goal-oriented, Independent, Persistent, Responsible, Reliable, Structured

## CERTIFICATIONS

2025 **GitHub Advanced Security**  
*GitHub*

2025 **Certified Kubernetes Administrator (CKA)**  
*Linux Foundation*

2024 **Terraform Associate (HCTA0-003)**  
*HashiCorp*

2022 **Certified Professional for Software Architecture (CPSA-F)**  
*iSAQB*

2020 **Agile Scrum Master & Product Owner**  
*EXIN*

## EDUCATION

2019 **PhD Robotics**  
(DR.-ING.) GRADE: SUMMA CUM LAUDE (EXCELLENT)  
*Leibniz Universität Hannover*

2012 **Diploma Mathematics**  
(DIPL.-TECH. MATH. UNIV.) GRADE: VERY GOOD (1.4)  
*Technische Universität München*

## LANGUAGES

German (C3), English (C2), Spanish (B1)