

Torben Carstens

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Education

Technische Universität Darmstadt | B.Sc. Computer Science

Amandus Abendroth Gymnasium | A-Levels

2014 – Present

2011 – 2014

Experience

Incloud Engineering GmbH

Infrastructure Engineer

Jul 2017 – February 2020

Darmstadt, HE

- › AWS administration and cost management
- › Planning, setup and administration of the internal network infrastructure
- › System administration for internal services
- › Kubernetes administration
- › Jira-/Confluence administration
- › Administration of internal servers (e.g. CI-Slaves)
- › Introduction and deployment of templates for fastlane (app-CI)
- › Troubleshooting for CI pipelines
- › Office 365 administration and automation with Microsoft Flow
- › Administration of services for clients
- › Development of cross-cloud and offline backup tool (Go)
- › Hardware setup and purchasing
- › Automation for creating projects (PHP)
- › Automation fore onboarding employees (PHP)
- › IT-Support for employees

Incloud GmbH

QA Engineer

Jul 2016 – Jul 2017

Darmstadt, HE

- › Security analysis for smart home software
- › Planned and held trainings for smart home soft-/hardware (audience: installers of said soft-/hardware)
- › Appium SDK wrapper and CI integration (Go/Python)
- › Autonomous work with Appium and development of a server management software with dynamic device recognition (Go/Python)

Incloud GmbH

Software Tester

Feb 2016 – Jul 2016

Darmstadt, HE

- › Preparation and execution of test plans (app and web)
- › Direct collaboration with project managers, developers and customers
- › Autonomous learning of Appium and automation of various manual tests (Python)

Dachdeckerei Land Wursten GmbH

Roofer assistant

Jun 2014 – Feb. 2015

Dorum, Ni

- › First work experience in a company
- › Autonomous and teamwork

Skills

Programming languages Python, Rust, Go, Bash, Java-/Typescript, Java

Cloud AWS, Azure, GCP

CI services CircleCI, Gitlab-CI

Infrastructure as Code Ansible, Kubernetes, Terraform

Languages German, English

Others Test automation, Docker, Linux, Git, Nginx, Traefik, dhall

Projects

Work

- › Appium SDK for Python + Appium server-management Software (Go/Python)
- › Cloud Backup from AWS (EC2/EBS und S3) to GCS/offline (Go)
- › Dashboard for backup status (Typescript with React)
- › Automated creation of new projects (cross-service) (PHP)
- › Automated creation of new employee accounts (cross-service) (PHP)
- › Some small automation tasks (e.g. automatically print new lists dependent of confluence page updates) (Go/Python/Rust)

Private

- › Event management for different groups with GraphQL backend (Rust)
- › GraphQL backend for listing events in Darmstadt (Rust)
- › Sonos discovery (local network) (Rust)
- › Sonos control cli (local network) (Rust)