

Rui Zhang

☎ +491724513681 | @ ether852@gmail.com | 🔗 LinkedIn | 🐙 GitHub | 📁 Portfolio | 📍 Berlin, Germany

Education

Friedrich Schiller University Jena

M.Sc. in Medical Photonics

Jena, Germany

Oct 2018 – Jul 2021

Northeastern University

B.Sc. in Applied Physics

Shenyang, China

Oct 2014 – Jun 2018

Experience

Red Hat

Consultant

Remote Germany

Jan 2023 – Present, Full-time

- * Implemented and automated OpenShift installation and configuration including storage, logging, monitoring and so on with a GitOps workflow.
- * Implemented and automated OpenShift Virtualization solutions using Ansible Automation Platform.
- * Implemented CI/CD pipelines for enhancing software supply chain efficiency.
- * Delivered Open Innovation Labs for supporting customers on adopting DevOps culture and best practices.

Technical Graduate

Sep 2023 – Dec 2023, Full-time

- * Learned Red Hat technologies such as Ansible, OpenShift, and RHEL.
- * Gained comprehensive knowledge of DevOps methodologies and applied the concepts on demand.
- * Gained experiences as a Solution Architect, Consultant, and Technical Account Manager by rotating through different departments.

Institute of Diagnostics and Interventional Radiology

Research Intern

Jena, Germany

Aug 2019 – Jul 2021, Internship

- * Engaged in collaborative research within the research institute for analyzing MRI metrics of Multiple Sclerosis patients.
- * Utilized MATLAB and Python to extract and analyze MRI data.
- * Optimized and trained machine learning models for MRI statistics analysis.
- * Implemented and optimized image data quality assessment methods using Python.

Skills

Technologies: Git, Docker, Kubernetes, Ansible, Jenkins, Tekton, Argo Workflows, Argo CD, Helm, Kustomize, Hashicorp Vault, Sigstore, Prometheus, Grafana, TensorFlow

Methodologies: Agile, DevOps, Scrum, GitOps

Scripting Languages: Java, Python, MATLAB, R, Go, Bash

Languages: Chinese, English, German

Side Projects

Container Image Build Pipeline

- * Implemented container image signing using Tekton Chains, Sigstore, and SPIFFE/SPIRE, enhancing security in the CI/CD pipeline.

Secret Management in GitOps with HashiCorp Vault

- * Designed and implemented a secret management solution using HashiCorp Vault with a GitOps workflow.