Rainer Poisel

Senior Software and DevOps Engineer

honeytree
Labs

Abstract

Highly skilled software developer in the field of systems programming and DevOps with 15+ years of experience who plays a key role in developing and documenting software solutions for all company products from project launch to production. Desire to work in a challenging environment with a high sense of responsibility. Works successfully both independently and as a team member.

Professional Experience

Dec 2020 - present

Independent Embedded Software Consultant
Rainer Poisel, St. Pölten, Austria

- Implemented CI/CD for real-time PLC applications
- Development of IO-Drivers (**C/C++**)
- Developed architectural concepts for PLC runtimes

Jan 2021 - Jul 2022

Senior DevOps Engineer
Unwired Networks GmbH, Vienna, Austria

- Embedded Linux Firmware Extensions (**Lua, C, sh**)
- Development of device management microservices (**Go**)
- Administration **K8s** in **GCP/GKE**
- Coordination of the agile development process

Apr 2014 - Dec 2020

Lead Software Architect, Embedded Software Team
logi.cals GmbH, St. Pölten, Austria

- Development of IEC PLC Runtimes (**C/C++, Python**)
- Responsible for the overall PLC architecture
- PLC Runtimes up to SIL3, ASIL C
- Modernized development workflow to increase the release frequency from several months to bi-weekly.
- Conceptual design and implementation of CI/CD.
- Extensions to the engineering environment (**Java**).

Oct 2008 - Apr 2014

Scientific Researcher / Lecturer
Fachhochschule St. Pölten GmbH, St. Pölten, Austria

- Scientific research and teaching (**Java**)
- Research prototypes (**C/C++, Java, Python**)

Qualification

2007 - 2010	TU Wien, Mag., Computer Science Management
2003 - 2007	FH St. Pölten, Dipl.-Ing. (FH), Telecommunications

Key Competences

- Programming Languages: C/C++, Java, Python, Lua, Bash, and Go
- Software Engineering: CI/CD, Build Systems, VCS (SVN, git)
- DevOps: Docker, Kubernetes, Ansible
- Embedded Linux: real-time, administration, networking, and security
- Knowledge of protocols used in the field of industrial automation
- Experience with agile software development processes
- Experience in leading teams (5 to 10 people)

Personal Data

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Homepage
https://honeytreelabs.com

Github
https://github.com/rpoisel
https://github.com/honeytreelabs

Interests

- Homeautomation
- Teaching and Learning
- Bicycle Engineering

Languages

- German (first language)
- English (C1)
- Spanish (A2)