

Solution Engineer/ Expert 80-100% m/f/d, Zug

For our client, we are looking for an experienced Solution Engineer who will take responsibility for the architecture, development, and continuous improvement of a custom Debian-based Linux platform for medical diagnostic systems, bring strong expertise in Linux distribution engineering, Debian packaging, kernel customization, build and release automation, scripting, and low-level system troubleshooting, and leverage extensive experience in platform optimization, root-cause analysis, and cross-functional consulting to ensure the reliability, security, and performance of the next generation of Roche medical devices.

Start date: asap / latest Start date: 01.10.26

End date: 1 year (with option to extend)

Workload: 80-100%

Contract Type: Contracting

Location: Canton Zug

Home Office: max. 2 days/week

Your tasks:

- * Architect and Engineer our Core OS Platform: Take ownership of our custom

Debian-based distribution. This includes everything from kernel customization and driver

integration to the creation, maintenance, and optimization of Debian packages

Job profile

 Life Sciences - IT + Digital

 Zug

 Contracting

 Full Time



asap / latest Start Date: 01.10.2026 - 12 months from start date



Linux Mastery, Debian , Python, Shell Script, C++

Job benefits

 First-name terms

 Flat hierarchy

 Modern workspace



Sounds interesting?

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- * Master the Build and Release Pipeline: Evolve and improve the infrastructure and

processes used to build, test, and release our Linux distribution, ensuring reliability and

reproducibility

- * Be the Ultimate Escalation Point: Act as the go-to expert for complex, low-level

system issues. Perform deep-dive troubleshooting, debugging, and root-cause analysis

across both software and hardware

- * Consult and Empower Development Teams: Guide internal project teams on how to

best leverage the Roche Linux platform

- * Proactively Drive Improvement: Constantly seek out opportunities to enhance our

distribution, tools, and processes. Whether it's improving system performance,

strengthening security, or automating a complex workflow, you will be expected to

identify needs and champion solutions.

Your Profile:

- * Deep, Hands-On Linux Mastery (10+ years): You are a seasoned professional who is comfortable across the entire Linux stack

- * Custom Distribution Engineering: Proven, extensive experience building, modifying, or maintaining a customized Linux distribution, with a strong preference for Debian (e.g., using tools like debootstrap, molior, aptly)
- * Expertise in Debian Packaging: You don't just apt-get install. You can create, patch, and maintain .deb packages from scratch, understanding policy, dependencies and best practices
- * Strong Scripting and Automation Skills: Fluency in Python and Shell scripting is essential for building tools and automating system tasks
- * Fundamental Systems Knowledge: A solid grasp of operating system theory (process management, memory, filesystems), software build systems (make, CMake), and the full testing and packaging lifecycle
- * Advanced English is mandatory; German is a welcome bonus

Nice to have:

- * Proficiency in a systems programming language like C or C++
- * Experience with embedded systems, the ARM platform, hardware drivers, and low-level hardware/software integration
- * Knowledge of modern infrastructure: Virtualization (KVM), Containers (Docker, Kubernetes), CI/CD pipelines, and Infrastructure as Code (Terraform)
- * Experience with cloud platforms (e.g., AWS)

Sounds like a great job?

Then we look forward to receiving your complete application documents through our online application form.

When applying by email, the sender agrees that his or her data will be used in accordance with our data privacy policy.

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