CURRICULUM VITAE

Benjamin Kiefl

Software Engineer · Germany

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PROFILE

Software engineer working on industrial machine software, process automation, and the practical challenges of bringing software into production. My work spans low-level C++, engineering tools, commissioning, and support for machines in operation worldwide.

I am particularly interested in systems-oriented programming, performance, programming language design, and software that interacts with real-world processes and hardware.

Technical focus C / C++ · Industrial automation · Process control · Python

Current learning priorities Mathematics · Machine Learning

EXPERIENCE

2024 - present

Software Engineer

3D-Micromac AG

- Develop low-level C++ software for industrial machine applications.
- Build automation and engineering tools with JavaScript, VBScript, and Python.
- Implement process automation for international customers and commission new machines, devices, and production processes.
- Diagnose software issues across a worldwide machine fleet, providing remote service support and on-site debugging, development, and commissioning.

2021 - 2024

Assistant

Law firm

- Prepared correspondence and administrative documents.
- Digitalised internal workflows and document management, and provided in-house IT support.

2019 - 2020

Lashing specialist

Hamburg docks

- Secured cargo at multiple port terminals on some of the world's largest container ships.

2016 - 2019

Logistics operations

Logistics company · Multiple locations

- Progressed from loading and unloading to team leadership and management support.
- Coached and instructed team members.