

# KEVIN FUNK

Technical Software Engineering Lead | DevOps & Qt/C++ Specialist



- mail@kfunk.org <https://www.linkedin.com/in/gotthatfunk/> Cologne Bonn Region

## EXPERIENCE



### Tech Lead DevOps Platform

Miltenyi Biotec

01/2024 - Cologne, Germany

Global Biotechnology Company; Product & Platform SW Development

- Lead implementation of large-scale mono repository with large Qt/C++ projects to improve one shared code base approach for 10+ product lines
- Lead scaling up hybrid CI/CD infrastructure (multi-config builds, cross-platform builds, automated software code analysis, etc.) adding Linux, macOS & Windows configurations
- Guide 10+ international teams in harmonization of software development infrastructure (Git, code reviewing system, etc.) improving collaboration
- Drive process and workflow streamlining through implementation of methodologies at the platform level to significantly reduce friction due to project silos



### Director Technical Sales

KDAB

12/2021 - 12/2023 - Cologne, Germany

Trusted Software Engineering Consultancy; Cross-platform Desktop and Embedded Software Expertise

- Supervising international software projects with up to seven-figure turnover in the EMEA region
- Key account management for 20+ high-profile customers mainly in automotive & aviation, health-care, bio-tech, defense, ...
- Monitoring progress, team velocity and profitability
- Optimizing processes and workflows throughout the company for more agility in handling 100s of consulting projects in parallel
- Project management for individual customers project
- Development on customer, internal R&D and open-source projects such as the Qt framework, KDE, KDAB's products and other libraries



### Technical Sales Engineer

KDAB

02/2018 - 12/2021 - Cologne Area, Germany

- Same duties as in previous roles, in addition:
- Identification and acquiring of new customer contacts including several 100s of leads
- Led initial project scoping and contracts and coordinating handover to international engineering teams.
- Representing company at international business events as speaker and technical solution expert



### Senior Software Engineer

KDAB

06/2017 - 02/2018 - Berlin, Germany

- Development on customer projects, most of them Qt/C++ or pure C++
- Development on R&D projects, such as KDAB's GammaRay, KStateMachineEditor
- Consulting customers on-site in workshops, for reviews, architecture reviews, etc.
- Holding talks at technical events, such as Qt World Summit, Qt Developer Days, Qt Con, FOSDEM (largest OSS conference in Europe)

## SUMMARY

As a Software Engineering Professional with a background in business development, I bring a unique blend of deep technical expertise and strategic insight to every project. I specialize in Qt/C++ cross-platform development and have extensive experience optimizing performance in complex software projects, designing scalable CI/CD infrastructures and managing components and artifacts to streamline software delivery.

My work is driven by a strong focus on aligning technical solutions with business objectives, ensuring that engineering efforts translate into real product value and market advantage.

I've contributed to renowned open-source projects such as KDE, Qt, and LLVM, and have built a reputation as a trusted consultant, trainer, and conference speaker—skilled at bridging the gap between technical teams and decision-makers.

## LANGUAGES

Deutsch	Native
Englisch	Proficient

## SKILLS

Software Development Life Cycle (SDLC)

Continuous Integration und Continuous Delivery (CI/CD)

Cross-platform Development

Open Source C++/Qt

Git Source Control Python

Clang/LLVM Linux Platform

Yocto Project

## CERTIFICATION

Certified IPMA Level D - Project Management Associate

GPM Deutsche Gesellschaft für Projektmanagement e. V.

Certified Qt and QML Developer

Pearson VUE

ISTQB® Certified Tester, Foundation Level

ISTQB

CCNA Exploration: Network Fundamentals

Cisco

## EXPERIENCE

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### Software Engineer

#### KDAB

📅 09/2010 - 06/2017 📍 Berlin

- Managing the Continuous Integration infrastructure at KDAB hosting 300+ configurations
- Porting applications as well as libraries for embedded platforms like Windows CE and QNX RTOS
- Lead development and release of new IPC module framework QtRemoteObjects for the automotive sector. Helped upstreaming to Qt project
- Lead development and release of KDStateMachineEditor, a framework for creating & viewing state charts. Allows real-time tracking of status of state machines embedded in Qt applications.
- 3D visualization software for oil & gas sector written in Qt/C++ using VTK. Worked on client-server data retrieval via network, 3D image slicing algorithms, comprehensive undo/redo command stack implementation.
- Co-developed Valgrind plugin for Qt Creator back in 2010 driven by KDAB.



### Open-Source Software Developer

#### KDE

📅 03/2006 - Present 📍 Berlin und Umgebung, Deutschland

#### International free software community that develops free and open-source software

- Worked on KDevelop from 2012-2019. Main focus lied in improving the application's stability and usability, architecture and general marketing.
- Main focus in improving the application's stability and usability, architecture and plugin management
- Working on Clang/LLVM integration for extended C++/C language support in KDevelop since 2014
- Co-maintainer of the KDevelop IDE since 2016
- Managed KDevelop getting packaged for both Windows & macOS.



### Member

#### KDE e.V.

📅 01/2013 - Present 📍 Berlin, Germany

#### Registered non-profit organization representing KDE community in legal and financial entities

- Working on and promoting usage of KDE products

## EDUCATION

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### Master of Science (M.Sc.), Computer Science

#### Freie Universität Berlin

📅 01/2011 - 01/2015

### Bachelor of Science (B.Sc.), Information Technology

#### Hochschule Kaiserslautern

📅 01/2008 - 01/2011

## OPEN SOURCE PROJECTS

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### KDevelop

📅 10/2012 - 08/2019 📍 Remote

KDevelop is an easy to use integrated development environment for KDE. It supports a wide range of programming languages and features project management, an advanced editor, a class browser and an integrated debugger.

## PRESENTATIONS

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### [Speeding Up Compilation Using Precompiled Headers \(PCH\), CCache and Ninja in CMake](#)

Qt DevCon 2022

### [Webinar: Using Modern CMake with Qt](#)

Qt Virtual Tech Con 2020 (about 200+ live viewers)

### [Talk: Improving Your Code Using Clang Tooling](#)

Qt World Summit 2019, Berlin

### [Webinar: Porting applications to Qt](#)

Company Youtube Channel 2017

### [Training: Introduction to QML](#)

QtCon 2016 Berlin (and several more at more recent Qt events)

### [Talk: Libclang Integration in the KDevelop IDE](#)

EuroLLVM 2015, London

### [Talk: Clang Integration in KDevelop](#)

KDE Academy 2014, Bruno, CZ

### [Talk: Introduction to Declarative State Machine](#)

QtDeveloper Days 2014, Berlin