

Aleksandr SKIBIN

Senior Software Engineer — Backend & Systems

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SUMMARY

I'm a software engineer with 15+ years of experience. I worked mainly with C/C++ for about 10 years, including embedded and real-time software for Linux, QNX and MQX. For the last 5 years, I have mainly worked on Go backend services and distributed systems. I also use Rust for personal projects and engineering tools.

SKILLS

Languages: Go · C/C++ · Rust (project experience) · Python

Engineering: Distributed systems · SOLID · Design patterns · Fault tolerance

Systems & networking: Linux · Git · TCP/IP · HTTP · UDP

Cloud, data & observability: AWS · Kubernetes · Docker · Redis · PostgreSQL · Prometheus · Grafana

EXPERIENCE

UBISOFT

2022 – Present / Germany

Senior Backend Engineer

Develop and maintain high-load backend services in Go.

- Work on backend architecture and technical design.
- Improve performance, reliability and scalability.
- Work with Kubernetes and cloud infrastructure.
- Improve failure handling and resilience in distributed services.
- Build monitoring and debugging workflows using metrics and dashboards.
- Support backend APIs and C++ client integration.

Go · C++ · Linux · Kubernetes · AWS · Redis · Prometheus · Docker

IQ-OPTIMIZE SOFTWARE AG (1&1)

2018 – 2022 / Germany

C++ Backend Developer

Developed and maintained a large billing system for a German telecom operator.

- Improved stability and performance of core processing components.
- Moved the billing system to containers.
- Added automated unit, comparison and regression testing tools.

C++17 · Linux · Docker · Boost · Google Test

EARLIER ENGINEERING ROLES

2010 – 2018

C/C++ and Backend Development

Worked on automotive, telecom and cross-platform enterprise software.

- Developed message handling and state-machine logic for Linux, QNX and MQX.
- Investigated issues using source code, diagrams, UDP logs and CAN data.
- Developed real-time C components and analyzed network issues with Wireshark.
- Built cross-platform C++/Qt applications and reusable components.

EDUCATION

STATE UNIVERSITY OF NIZHNI NOVGOROD

2004 – 2009

Master's degree in Applied Informatics, Computer Science and Mathematics