

Christian Lohr

Abbreviated Curriculum Vitae

Personal information

Date of birth 12/14/1989
Nationality German
Current Residence Lucerne, Switzerland

Work experience

- 2023 **Lead Software Engineer**, VOLUMEFINANCE, San Francisco, USA
Supporting an open source web3 project focussing on fast, secure and reliable cross chain message support, custom job scheduling and platform support for building decentralised AI on chain.
- 2021 – 2023 **Head Of Technology, Co-Founder**, VALUTACHANGE, Germany
Responsible for leading and supervising my team of gifted engineers along the creation of a brand new greenfield online platform for digital asset management and payments. Hands on engineering includes all flavours of distributed services tech disciplines: software engineering, cloud architecture, devOps, and SRE.
Primary challenges faced with every day consist of high performance, tamper-proof ledger technology, integration of various payment service providers, designing hollisticly applicable API specifications, hardening exposed components & minimising attack surfaces.
Adminstrative tasks include department staff management, recruitment, budget planning, expectation management, technical assessment of external partners as well as addressing stakeholder communications, reporting on goals, risks, KPIs and other metrics.
- 2021 – present **Freelance IT-Consultant**, BYTEWERK, Switzerland
Taking the next step in my career, sharing my knowledge of over 15 years of professional software engineering by providing a wide range of IT services to clients around the world, including design, architecture, engineering, project management, data migrations, API implementations, staff training, security audits & more.
- 2018 – 2022 **Lead Software Engineer, Engineering Manager**, EDUCATION FIRST, Switzerland
Creating a brand new global scale web service for thousands of teachers throughout the world. Responsible for system architecture, design and testing of distributed services and asynchronous communications from the ground up.
Dealing with maximum uptime, hardening public APIs, distributed global data storage, fast response times, performance optimised data access, business logic, data analysis and redundant integration with multiple global services.
Working on tight deadlines in an agile team around the globe, delivering performant and secure code. Leading and inspiring my team of gifted engineers, guiding their personal and professional growth, building an atmosphere of trust and collaboration to ensure maximum team performance against measurable KPIs.

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Education

- 2020 **Skill Certificate: Teamwork & Collaboration**, *Hult Skill Accelerator*
12 Weeks, 3 U.S. Academic Credits
- 2013 **B.Sc. in Applied Computer Science**, *Baden-Wuerttemberg Cooperative State University*, Mannheim
Thesis: Design, analysis and rollout of an IT project management system
- 2009 **Cambridge Certificate in Advanced English**, *Workshop*
Cambridge ESOL Level 2 Certificate
- 2007 **High School Degree**, *Menasha High School*, Menasha, 54952 WI, USA
Exchange student program.

Buzzwords

Backend	GOLANG, RUST, PYTHON, C#, JAVASCRIPT, TYPESCRIPT
Frontend	ALPINEJS, HTMX, ELM, TAILWINDCSS, VUE, REACTNATIVE, FLUTTER
Infrastructure	DOCKER, ANSIBLE, AWS, GCP, TERRAFORM, KUBERNETES, HELM, CI/CD
Technologies	DISTRIBUTED COMPUTING SYSTEMS, MICROSERVICES, BLOCKCHAIN, LEDGERS, MESSAGING QUEUES, DATA PIPELINES, BUSINESS INTELLIGENCE, RDBMS, CONTAINERIZATION, CLOUD COMPUTING
Paradigms	BEST PRACTICES, (A/B)TTD, XP, FDD, SCRUM, KANBAN, GAMIFICATION

Soft skills

- 2018 – present Planning and participation in organisation-wide hackathon events. Leading my team by building an atmosphere of trust and collaboration, inspiring personal and career growth.
- 2017 – 2018 Leading agile development as sprint driver and moderator
- 2013 – 2017 In-house head of coding dojos and training sessions
- 2010 – 2013 Training in intercultural communication, presentation and negotiation techniques

Languages

German	L1
English	C2

Private Interests

- Video game development and 3D Art
- Tabletop and video games
- General aviation & space exploration
- Cooking