Lorenc Bushati

Senior Full Stack Engineer / Team Lead

15+ years building enterprise software across banking, telecom, aviation and public-sector environments with Java, Spring Boot, Angular, Kubernetes, AWS and cloud-native architectures.

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Based in Lugano, Switzerland | Work authorization Swiss Permit C, no restrictions

About

Senior Full Stack Software Engineer with 15+ years of experience delivering enterprise software for banking, fintech, telecom, aviation and the public sector in Switzerland and Italy. Core expertise in Java, Kotlin, Spring Boot, Angular and TypeScript, building REST APIs and microservices that run on Kubernetes, OpenShift and AWS.

Domain experience includes core banking and wealth management (Avaloq), structured products and FX trading (Credit Suisse / UBS), telecom network management (Ericsson) and airline loyalty (Alitalia). Hands-on leadership as stream lead and IT manager: mentoring, code review, sprint planning, vendor coordination and IT budgeting, plus DevOps and CI/CD automation in agile, distributed teams.

Experience

10/2025 – Present
DB&L services
Bioggio, Switzerland

Software Engineer

Client: Avaloq

- Customize and implement the Avaloq Banking Suite – Avaloq Core Platform (ACP) and Avaloq Front Platform (AFP) – for multiple financial-institution clients.
- Deliver tailored solutions for core banking, wealth management and digital banking operations, built with Java 21 and Angular on Oracle DB.
- Ship changes through containerized deployments on Kubernetes and OpenShift, using Helm, Jenkins pipelines, Liquibase database migrations and Grafana monitoring.

Tech stack: Java 21, Angular, Oracle DB, Kubernetes, Docker, OpenShift, Jenkins, Grafana, Liquibase, Helm

10/2024 – 08/2025
OneFirewall Alliance
Lugano, Switzerland

Full Stack Software Engineer

- Integrated the OneFirewall platform with multi-vendor network environments, including Cisco and Juniper devices.
- Designed and maintained Java / Kotlin Spring REST APIs for log ingestion, export, observability and health monitoring, backed by MongoDB.
- Built CI/CD automation pipelines in Jenkins and developed Angular dashboards (dynamic tables, graphs, technical documentation) to visualize results, with Prometheus and Grafana for metrics.

Tech stack: Java, Kotlin, Angular, Spring, Kubernetes, Docker, MongoDB, Jenkins, Prometheus, Grafana

01/2022 – 09/2024
TechneValue
Zürich, Switzerland

Full Stack Software Engineer / Stream Lead

Client: Credit Suisse (UBS Group), via Zühlke Engineering

- Led a team of 2 engineers through the enhancement and migration of investment platforms for structured products and FX trading, ensuring on-time delivery with zero disruption to trading operations.
- Developed enterprise-scale financial applications supporting daily trading and settlement workflows, including the “my Solutions” portal, where clients design, price and trade structured products, hedging strategies and FX transactions.
- Built Java / Kotlin Spring Boot services and Angular front ends, deployed to OpenShift and Kubernetes with Argo CD (GitOps) and documented with OpenAPI / Swagger.

Tech stack: Java, Kotlin, Angular, Spring Boot, OpenShift, Kubernetes, Argo CD, MongoDB, Oracle DB, Swagger

01/2018 – 08/2021
Union of Financial Corners
Geneva, Switzerland

IT Manager

- Designed, integrated and implemented back-office tools and enterprise applications to automate and optimize internal processes.
- Coordinated software teams, suppliers, subcontractors, service providers and external IT auditors to ensure maintenance, quality assurance and the integration of new products, services and processes.
- Responsible for IT budget management, mentoring, code review and sprint planning.

Tech stack: Java, Spring Boot, Angular, Python, Docker, Jenkins, SQL Server, PostgreSQL, MongoDB, Swagger

01/2016 – 01/2018
Capgemini Engineering (formerly Altran)
Genoa, Italy

Full Stack Software Engineer

Client: Ericsson

- Developed and maintained Ericsson Network Manager (ENM), a next-generation unified, high-availability telecom network management platform.
- Worked within multinational agile teams across the U.S., Ireland, India and Italy.

Tech stack: Java EE, Spring Boot, Docker, Kubernetes, Jenkins, Hibernate, JUnit, Selenium, Linux, REST APIs

09/2010 – 12/2015

Key Partner
Rome, Italy

Full Stack Software Developer

IT Consultant at Key Partner, assigned to the following client projects:

Acea (04/2015 – 12/2015): Migration, development and maintenance of the Portale Acea Distribuzione (PAD) / Areti, a platform for managing operational relationships in the electricity sector. **Tech stack:** Java EE, JSP, JPA, Hibernate, SOAP, REST, Angular, MS SQL Server, Git, Scrum

NTT DATA Italia / Fideuram (06/2014 – 03/2015): Development and maintenance of the "Fideuram Online" and "Alfabeto Fideuram" platforms for banking operations and trading services. **Tech stack:** Java, Struts, JSP, Angular, Oracle, JUnit, WebLogic

Brandon Ferrari (03/2014 – 06/2014): Development of an e-commerce platform connecting brands with B2B flash-sales sites. **Tech stack:** Ruby on Rails, Spree, AWS, PostgreSQL, Redis, Heroku

Acea (11/2013 – 03/2014): Re-engineering of financial exchange systems for SEPA direct debit flows between Acea Group companies and SIA SSB. **Tech stack:** Java EE, JBoss, REST, SOAP, SQL Server, SVN

HP / Fideuram (02/2012 – 11/2013): Development of advisory and investment reporting platforms for financial advisors ("Consulenza Avanzata SEI"). **Tech stack:** Java, Spring, GWT, JPA, Hibernate, MS SQL Server

Reply / Alitalia (06/2011 – 01/2012): Migration, development and maintenance of the MilleMiglia customer loyalty system (CLS). **Tech stack:** Java EE, GWT, REST, Oracle, PL/SQL

Glamoo (09/2010 – 06/2011): Development and maintenance of an e-commerce flash-sales platform. **Tech stack:** Java, Spring, JSP, Hibernate, MySQL, AWS

09/2009 – 02/2010

IRPPS-CNR
Rome, Italy

Academic Internship

- Developed and maintained institutional web applications, including feature implementation and performance optimization.

Tech stack: PHP, HTML, CSS, JavaScript, REST, Git

Skills

Languages	Java (8–21), Kotlin, TypeScript, JavaScript, SQL, PL/SQL, Python, Ruby, PHP
Backend	Spring Boot, Spring Security, Java EE / Jakarta EE, Hibernate / JPA, REST and SOAP APIs, Microservices, OpenAPI / Swagger, Tomcat, JBoss, WebLogic
Frontend	Angular, TypeScript, JavaScript, HTML, CSS, GWT, jQuery, Bootstrap
Cloud and DevOps	Kubernetes, OpenShift, Docker, AWS, Helm, Argo CD (GitOps), Jenkins, CI/CD, Git, GitHub, GitLab, Bitbucket, Maven, Gradle, SonarQube, Linux, Prometheus, Grafana, Splunk
Databases	Oracle, PostgreSQL, Microsoft SQL Server, MongoDB, MySQL, Redis, Liquibase
Testing	JUnit, Mockito, TestNG, Cucumber, Cypress, Selenium, RestAssured, Postman, SoapUI
Domains	Core banking and wealth management (Avaloq), structured products and FX trading, telecom network management, cybersecurity / threat intelligence, energy utilities, e-commerce, airline loyalty
Agile and leadership	Scrum, Kanban, Lean, SAFe; team coordination, mentoring, code review, sprint planning, IT budgeting, vendor and IT-audit coordination, disaster recovery and business continuity

Education

05/2010 Bachelor's Degree in Computer Engineering
Roma Tre University, Rome, Italy

Certifications

2021 ITIL® Foundation Certificate in IT Service Management – PeopleCert / AXELOS
2021 Cyber Security Foundation Professional Certificate – Certiprof
2021 Data Science Orientation – Coursera / IBM
2020 Professional Scrum Master™ I (PSM I) – Scrum.org
2013 Oracle Certified Professional, Java SE 6 Programmer – Oracle
2010 Enhancing Education for the Longevity of Electronic Archives – UNESCO / INIMA

Languages

Italian	Albanian	English	French	German
Native	Native	Fluent (C1)	Intermediate (B2)	Basic (A2)