

I am a full-stack developer with 21 years of Java experience. I can also collect requirements for a project, test it, run it in production, and support it. See samples of my work: <https://ksilz.com/samples>

SKILLS

Expert: Java, SQL, Relational DBs

Advanced: HTML/CSS, Spring, Spring Boot, Hibernate, Gradle, Git, Linux, JIRA, Confluence

Intermediate: Typescript, Angular, JavaScript, Flutter, Dart, Docker, Nginx

SELECT PROJECTS

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|---|--------------------------------------|----------------------------|
| Co-Founder, CTO | SaaS start-up, United Kingdom | Since Aug 2019 |
| <ul style="list-style-type: none">• Creating & running Software as a service (SaaS) product as sole developer with native iOS & Android apps for customers & employees, web app for managers, cloud back-end (Feb – Jul 2020)• Validated technology (Flutter, cloud sync, offline mode), gathered requirements (until Jan 2020)• Used: Java, TypeScript, Dart, Angular, HTML/CSS, Flutter, JHipster, Spring Boot, Spring, Firebase, Hibernate, PostgreSQL, Undertow, Gradle, Git, Docker, Nginx, Gitlab Pipelines, iOS, Android, Linux | | |
| Internal Billing System | aformatik, Germany | Jun 2018 – Jul 2019 |
| <ul style="list-style-type: none">• Kick-started project with JHipster as sole developer initially, later expanded team as lead developer• Created test environment with Jenkins builds, deployed all releases to mainframe Docker• Used: Java, TypeScript, Angular, HTML/CSS, JHipster, Spring Boot, Spring, Hibernate, PostgreSQL, Undertow, Gradle, Docker, Nginx, Git, Jenkins, Linux, JIRA, Confluence | | |
| Document Management product | PDV-Systeme GmbH, Germany | Jun 2017 – Mar 2018 |
| <ul style="list-style-type: none">• Designed & implemented distributed monitoring system for 22 servers as sole developer• Set up monitoring of entire production environment (> 140 servers) as sole engineer• Used: Java, JavaScript, Thymeleaf, HTML/CSS, Spring Boot, Spring, Hibernate, Apache Artemis, Tomcat, Gradle, Git, Windows Server, Linux, Zabbix 3.4, JIRA, Confluence | | |
| Co-Founder, VP of Engineering | Seldon Systems, United States | Jan 2004 – Jan 2017 |
| <ul style="list-style-type: none">• Lead product development as manager, analyst, developer, tester & support: 80% market share in North American cable industry, 95% of company revenue 2009-2016• Product success drove Alpha Group to acquire Seldon Systems in January 2016• Used: Java, JavaScript, Struts, JSP/Adobe Flex, HTML/CSS, Spring, mybatis/Hibernate, SQL, MySQL, Tomcat, Ant/Maven, CVS/Git, Linux, JIRA, Confluence | | |
| Document Management product | PDV-Systeme GmbH, Germany | Jan 2003 – Aug 2003 |
| <ul style="list-style-type: none">• Broadened product market from Windows to HTML & J2EE: Defined architecture, tools & libraries• Used: Java, Struts, HTML/CSS, Oracle 9i, Oracle 9 Application Server, Ant, CVS, Bugzilla | | |
| Senior Developer, Project Mgr. | Mundwerk AG, Germany | May 2001 – Aug 2002 |
| <ul style="list-style-type: none">• Lead developers of voice platform product, defined tools & libraries, rolled out releases• Lead two customer voice projects as project manager (with three team leads), analyst, back-end developer and tester; defined tools & libraries• Used: Java, VoiceXML, Voice Recognition Nuance 7.0, MySQL, CVS, Ant, Bugzilla, Solaris x86 | | |

EDUCATION

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| Dresden University of Technology | Germany | Oct 1990 – Jan 1996 |
| <ul style="list-style-type: none">• Master of Computer Science: Final grade “Very Good” (among the top 10% of my peers)• Major: Software Engineering, Databases; Minor: English, occupational psychology | | |