

David Silva

Lisbon, Portugal

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About

I'm a passionate software engineer which has over time gained more of an interest for both software architecture and security. I'm both curiosity and challenge driven as well as a honest and calm type of a person. Having a can-do attitude, high motivation and learning capacity I aim to continuously improve myself both personally and professionally.

Professional Experience

Fev 18 - Present	Senior Software Engineer, Sky - Lisbon, Portugal <ul style="list-style-type: none">Responsible for the architecture and development of multiple low latency APIs, serving 1B+ requests per monthLead developer on multiple in-house developed libraries, frameworks and platformsActively engaged with architects and product to align feature definitions and its roadmap
Tech & Tools	<i>Kotlin, Java, Vert.x, Spring Boot, Docker, Kubernetes, Kafka, Prometheus, Grafana</i>
Jun 15 - Jan 18	Product Security Lead, Infinera - Lisbon, Portugal <ul style="list-style-type: none">Built and defined product security processes from scratch, such as vulnerability and OSS managementResponsible for defining product security requirements and conduct impact analysis on incoming featuresProvided technical support to product clients as well as internal staffMentored an MSc student thesis on <i>Preventing DoS attacks in multi-domain optical SDN</i>
Jan 13 - Jan 18	Lead Software Engineer, Infinera - Lisbon, Portugal <ul style="list-style-type: none">Responsible for the development and architecture of core components of an <i>SDN</i> platform which managed infrastructure in real-timeProvided support and guidance for system architects during features and requirements definition
Tech & Tools	<i>Java, Spring Boot, Kafka, ZooKeeper</i>
Sep 11 - Dec 12	Full Stack Software Developer, Maxdata Informática - Lisbon, Portugal <ul style="list-style-type: none">Developed an Epidemiological Surveillance IT solution (focus of MSc thesis)Actively contributed to the Clinical platform developmentPerformed a security audition targeting an in-house developed CRM
Tech & Tools	<i>Java, Spring, Hibernate, JavaCC, JTree, GWT, Oracle, PostgreSQL</i>

Professional Certifications

Dec 16	Oracle Certified Associate, Java SE 8 Programmer (1Z0-808)
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Education

Sep 10 - Sep 12	MSc in Computer Science - Computer Systems, Architecture and Networks Faculty of Sciences of the University of Lisbon, Portugal
Sep 05 - Jul 10	BSc in Computer Science Faculty of Sciences of the University of Lisbon, Portugal

Technologies

Languages	<i>Java, Kotlin, Scala, JavaScript, TypeScript, Shell Script, Python, Go</i>
Frameworks	<i>Spring Boot, Vert.x</i>
Databases	<i>Oracle SQL Server, PostgreSQL, CouchDB, MongoDB, Redis</i>
VCS	<i>Git, SVN</i>
Build Tools	<i>Gradle, Maven</i>
Deploy Tools	<i>Docker, Kubernetes, Terraform</i>
CI	<i>Jenkins, GitHub Actions, Travis-CI</i>
Code Quality	<i>JaCoCo, Codecov, Coveralls, SonarQube</i>
Issue Tracker	<i>Jira, GitHub, BitBucket</i>