



Davide Valentino

 Luton, UK



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Senior Software Engineer specializing in Identity Management, Cloud Integration (AWS, Kubernetes), and Full Stack Development (Spring, React)

EXPERIENCE

BMJ, London, UK — Senior Software Engineer

August 2022 - November 2024

Managed a complex system of interconnected components at BMJ, applying software design patterns and low-level Java techniques to optimize code maintainability and efficiency.

- Leveraged concurrent tasks in a multithreading and clustered environment to enhance system performance.
- Enhanced system reliability and performance through rigorous load testing and observability improvements.
- Mentored and shared knowledge across teams, fostering a collaborative environment.

Tech Stack: **Java 17, Kubernetes,**

Spring-Boot|Security|Data|Session, IAM, Pingfederate, OAuth2, SSO, Hibernate, PostgreSQL, Gradle, AWS, Cypress, OpenAPI, Redis, GitHub Action & Flow, NodeJs, Typescript, React, PassportJs

BMJ, London, UK — Software Engineer

November 2019 - August 2022

- Developed and maintained critical BMJ microservices focusing on IAM and SSO solutions.
- Architected robust user account management and payment systems for BMJ web products.
- Collaborated with product owners to deliver new REST APIs, features, and bug fixes.

Tech Stack: **Spring Framework & MVC, Thymeleaf, Selenium, JUnit, Paypal, worldpay, JUnit, Jenkins, Bootstrap**

CERTIFICATIONS



AWS Certified Developer – Associate

CKAD: Certified Kubernetes Application – Developer

Oracle Certified Associate, Java SE 8 Programmer I

SKILLS

Java,
Spring-boot|Security|Data|Session, AWS, Kubernetes, OpenId Connect

Building tools: Maven, Gradle, bash script, docker.

CI/CD tools: Jenkins, CircleCI, GitHub Actions, Git Flow

Backend Developer, London, UK— Freelance

Jan 2018 - October 2019

- Collaborated on developing a mobile-first online service using Kotlin, Java, and Spring Boot.
- Integrated Android components for seamless search and update of geo-located goods.
- Deployed and managed the application on Google Cloud, incorporating Google Maps API.

Tech Stack: **kotlin, Java, Golang, Spring-Boot, Hibernate, JPA, MySQL, CircleCI, Terraform, GCP, Geolocation, Android**

Web Developer, London, Uk — Freelance

May 2016 - May 2017

- Developed a web-based rota and time-booking system for care providers, collaborating with stakeholders to ensure user-friendly interface with HTML, JavaScript, and Bootstrap.
- Implemented robust backend functionalities using PHP and Laravel, managing user access and permissions through PostgreSQL database.

Tech stack : **PHP, Laravel, HTML, Javascript, CSS**

University of Bedfordshire, Luton, UK — *Student Associate*

October 2015 - April 2016

My role is taking part in sessions for pre-students (8 - 16 years old), mostly about introduction to algorithm and data structure topics where I am checking simple Java code and making it able to compile.

This collaboration with the university made me more confident in spoken English as my first experience in the UK.

PHP Developer, Bari, Apulia, Italy— FIDAL Servizi

June 2014 - June 2015

- Developed athlete details submission form through AJAX post requests for FIDAL members.
- Designed a member page for adding, editing, and deleting details efficiently.
- Implemented member race results page and other insights for better data visualization.

Tech Stack: **JQuery, AJAX, Html, PHP, Javascript, CSS**

Storage: PostgreSQL, DynamoDB, ElastiCache (Redis), S3, ECR, Nexus

Version Control: GitHub

Computing: AWS EC2, Lambda, EKS, K8 runners

Monitoring tools: AWS CloudWatch, Logstash, Kibana

Automation: Selenium with Cucumber framework (java), Cypress (JavaScript).

Load Testing tools: JMeter, Postman

Collaborating tools: Jira, Kanbanflow

Documentation: OpenAPI, Swagger, AsciiDoc, markdown, JavaDoc,

Personal Skills

Quick learner, Fluent English, Great sense of organization, Problem solving skills, Team work, a “show and tell person”

LANGUAGES

English, Italian

