



SALIM AHOUD

Full Stack Software Engineer – Distributed Systems & Cloud

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SUMMARY

Full Stack Software Engineer with hands-on experience building scalable distributed systems, microservices, and cloud-native applications using Java/Spring Boot, Python/Django, Angular, and React. Skilled in DevOps practices (Kubernetes, Docker, CI/CD), AWS cloud services, Spark/Scala pipelines, and SQL/NoSQL databases at production scale. Oracle Certified Java Developer with a strong foundation in system design, API development, and end-to-end delivery across agile environments.

PROFESSIONAL EXPERIENCE

Orange Business – Full Stack Software Engineer Intern

Rabat, Morocco – Hybrid

Technologies: Spring Boot, Angular, Scala/Spark, Kubernetes, Docker, MongoDB, Redis

February 2026 – Present

- Scaled distributed microservices processing 40M+ daily inspections by optimizing Spark/Scala pipelines and MongoDB aggregations, reducing KPI computation latency across the platform.
- Engineered a fault-tolerant distributed ingestion layer across EDH nodes, improving reliability, security, and data integrity through Redis-backed caching, Kubernetes orchestration, CI/CD automation, Grafana observability, Trivy scanning, and contract validation.

Capexia – Full Stack Software Engineer Intern

Rabat, Morocco – Hybrid

Technologies: Django, REST APIs, PostgreSQL/MySQL, HTML, CSS, JavaScript

July 2025 – September 2025

- Developed a full-stack consultation platform with scheduling, authentication, and account management.
- Delivered complete frontend and backend implementation independently within a 2-month internship.

Handel Education – Full Stack Software Engineer Contractor

Temara, Morocco – Hybrid

Technologies: Django, AWS S3, AWS MediaConvert, MPEG-DASH, DRM, JavaScript

February 2025 – July 2025

- Delivered an e-learning platform for 3,000+ students by building courses, exams, certification, and community systems on Django with optimized performance and data consistency under concurrent load.
- Reduced unauthorized content distribution by designing an encrypted video pipeline (AWS S3, MediaConvert, MPEG-DASH) with certificate-based per-device DRM playback protection across client environments.

FREELANCE & ENTREPRENEURSHIP

Fiverr – Software Engineer – www.fiverr.com/edcrow03

Freelance – Remote

Technologies: Python, Node.js, Java, MongoDB, SQL Server, APIs

August 2020 – December 2025

- Delivered 650+ software engineering projects and digital services for 550+ international clients, maintaining a 4.9/5 rating and 100% on-time delivery while developing backend automation systems, SaaS platforms, and API integrations.

CodedNext – Founder & Full Stack Engineer

Self-Employed – Remote

Technologies: Django, Webhook APIs, SQLite3, AWS S3, Docker

July 2024 – December 2025

- Built a SaaS platform for rental agencies with secure payments (Paddle) and fleet, reservation, client, and payment management modules.
- Automated key operational workflows across 50+ agencies, reducing manual administrative workload by 25%.

EDUCATION

Engineering Cycle – Computer Science

Rabat, Morocco

École Marocaine des Sciences de l'Ingénieur (EMSI)

2021 – 2026

CERTIFICATIONS

Oracle: Java SE 17 Developer – OCP (2026) | Oracle Database 19c Admin Professional (2025)

IBM: Full Stack Software Developer Specialization (2025) | **Google:** Data Analytics Professional Certificate (2024)

SKILLS

Infrastructure & Cloud: Kubernetes, Docker, CI/CD, Linux, AWS (S3, MediaConvert), Grafana, Trivy

Backend: Spring Boot, Django, Node.js, REST APIs, Microservices, API Design

Languages: Java, Python, Scala, C, C++, JavaScript, SQL

Databases & Storage: MongoDB, PostgreSQL, MySQL, Oracle, SQL Server, Redis, PL/SQL

Systems: Distributed Systems, Concurrency, Multithreading, Operating Systems, TCP/IP Networking, Computer Architecture

Frontend: Angular, React, HTML, CSS, JavaScript

LANGUAGES

English (C1 – IELTS 7.0) | Arabic (Native) | French (B2) | German (B1)