Yassine Yousfi

Senior Software Engineer | Backend & FinTech Systems

Casablanca, Morocco • yassine.yousfi.contact@gmail.com • (+212) 770-839990
linkedin.com/in/yassine-yousfi • yassine-yousfi.vercel.app

SUMMARY

Senior software engineer with 6 years of professional experience, including nearly 5 at Société Générale CIB building and running production pricing systems used by trading desks. Strong in Java/Spring Boot, Python and Kubernetes, with a track record of faster pricing, better observability and safer releases in a regulated environment. Also delivered 15+ full-stack products for international clients, so I can own a feature from requirements to production.

EXPERIENCE

R&D Software Engineer | Société Générale CIB, Casablanca | Feb 2022 – Present

- Designed and delivered cross-asset pricing microservices (Java/Spring Boot, Python) covering equities, rates, FX and structured products, cutting valuation time by 30% for trading desks.
- Built an ELK observability platform from scratch across 10+ microservices: Logstash pipelines, real-time Kibana dashboards and automated alerts on pricing errors and SLA breaches. Reduced mean time to detect incidents by 40%.
- Introduced structured JSON logging across all services, so root-cause analysis takes minutes instead of hours and fewer on-call issues escalate to senior engineers.
- Containerized services and deployed them on Azure Kubernetes Service with TeamCity CI/CD. Delivered zero-downtime releases and 3x more concurrent pricing requests with no infrastructure changes.
- Established TDD practices (JUnit, Mockito) on the pricing core, eliminating a class of calculation bugs before production.
- Took end-to-end ownership of the observability and logging approach across 10+ microservices, defining the conventions every service follows and driving the technical decisions from design through production rollout.
- Improved the internal pricing IDE used by traders and quants, removing manual configuration steps from simulation and product-structuring workflows.
- Worked directly with quants, traders and product owners to turn complex financial requirements into shipped features.

Tech: *Java, Python, Spring Boot, Maven, Docker, Kubernetes, Azure AKS, TeamCity, Elasticsearch, Logstash, Kibana, Oracle, PostgreSQL, Redis, JUnit, Mockito, Linux*

Full-Stack Software Engineer | Freelance (Upwork), Remote | 2020 – Present

- Delivered 15+ production web applications for international clients in fintech, logistics, travel, healthcare and edtech, owning the full lifecycle from requirements to deployment and monitoring.
- Real-time logistics platform: live order tracking, geolocation, route management and WebSocket notifications (React, Node.js, Socket.io, Mapbox).
- U.S. salary comparison platform: intelligent search, GeoDB autocomplete, analytics dashboards and optimized filtering pipelines (Next.js, TypeScript, PostgreSQL).
- Built secure backends with Node.js and Spring Boot: JWT/OAuth2, RBAC and Stripe payments.
- Raised performance scores by 35%+ through SSR, caching, lazy loading and code splitting.

Tech: *React, Next.js, TypeScript, Node.js, Spring Boot, PostgreSQL, MongoDB, Redis, Prisma, GraphQL, Docker, GitHub Actions, Jest, Cypress*

SKILLS

Languages Java, Python, TypeScript, JavaScript, SQL

Backend Spring Boot, Node.js/Express, REST, GraphQL, microservices, system design

Cloud / DevOps Docker, Kubernetes, Azure AKS, CI/CD (TeamCity, GitHub Actions), ELK

Frontend React, Next.js, Redux, Tailwind CSS

Data PostgreSQL, Oracle, MySQL, MongoDB, Redis

Testing TDD, JUnit, Mockito, Jest, Cypress

EDUCATION

Master's in Software Engineering | SUPMTI School of Engineering, Oujda, Morocco 2020 – 2022
Bachelor's in Computer Science | University of Reims Champagne-Ardenne, France 2015 – 2018