José Luis Vadell Benavente

Senior Software Engineer

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Palma, Balearic Islands, Spain.

Backend Developer with 9+ years of experience in Java & Spring, proficient in Python, and an aspiring Go enthusiast. Specializes in building high-performance APIs with expertise in cloud technologies, including AWS. Experienced across diverse sectors, including energy, sports, and retail. Strong communicator, collaborative team player, and adept at problem-solving. Committed to crafting efficient solutions for scalable, robust environments with a focus on adaptability and continuous improvement.

Work Experience

Senior Backend Engineer | *Playtomic (ScaleUp Company)* Apr 2025 - Present

- Backend Lead for the cross-functional Players tribe, owning product initiatives from problem definition and KPI setting through technical design, AI-assisted development (Claude, Cursor, GitHub Copilot), rollout, and post-launch evaluation.
- Partner with Product to assess feasibility, engineering cost, and expected impact, shaping solutions and coordinating delivery across Backend, Mobile, UX, and Data.
- Drove initiatives such as Challenges and the Player Statistics redesign, improving the player experience and engagement while contributing to revenue growth; Challenges alone influenced 4% of platform payments within six months of launch.

Senior Backend Engineer | *VirtualCave* May 2021 - Apr 2025

- Delivered robust solutions for high-demand clients like Barceló Hotels and Inditex, strengthening expertise in Java (Spring), reactive programming, and databases such as MongoDB, PostgreSQL, Redis, Couchbase, and Snowflake.
- Worked with hexagonal architecture and event-driven models, utilizing Kafka, RabbitMQ, and AWS SNS/SQS for resilient microservices with patterns like circuit breakers, along with OpenAPI and gRPC for inter-service communication.
- Worked in an agile environment with JIRA, utilizing Scrum and Kanban methodologies to manage project timelines, tasks, and sprints efficiently.
- Key achievements: Contributed to optimizing Inditex's stock distribution algorithm to handle over 35,000 completed requests per minute and developed a new booking engine for Barceló Hotels, significantly improving conversion rate and key performance metrics.

Full Stack Developer | *Kinacu Systems (StartUp Company)* Apr 2016 - May 2021

- Built and maintained OpenAPIs for system communication and managed cloud infrastructure as the company's DevOps specialist (AWS, DigitalOcean), handling Docker, Kubernetes, deployments, backups, pipelines, and payment integrations (Stripe, Redsys, in-app).
- Key achievements: Led the migration from a monolithic to a microservices architecture, established AWS cloud infrastructure, containerized services with Docker, and played a technical role in product development for a SaaS platform.

Education

Bachelor of Applied Data Science | *Universitat Oberta de Catalunya (UOC)* Feb 2026

- Built a strong foundation in data science, including data analysis (Python with Pandas, NumPy, Scikit-Learn; R), machine learning (TensorFlow, NLP), and diverse database systems (Graph, NoSQL), equipping me for versatile data handling.
- Developed skills in data processing and visualization tools, including Spark, Hadoop, Tableau, and ETL pipelines.