Jose DACOSTA | Paris, France | Full-Stack Engineer

josedacosta339@gmail.com | LinkedIn: linkedin.com/in/jose-dacosta339 | Portfolio: me.dokidokidev.com

Professional Summary

I am a full-stack engineer with over five years of experience building scalable web platforms. My expertise spans backend development with Python and Node.js and frontend development with React. I have worked on microservices architectures, event-driven systems, and cloud deployments, with a strong focus on performance optimization and testing. Passionate about simplicity and quality, I enjoy building impactful products and contributing to collaborative, high-performing teams.

Skills

Languages & Frameworks : Python (Flask, FastAPI), Node.js (NestJS), React (Next.js), TypeScript

Databases : PostgreSQL, Redis, SQL, Experience with data modeling, query optimization, and performance tuning

Cloud & DevOps : AWS (EC2, RDS, S3), Docker, Vercel, CI/CD pipelines with GitLab CI/CD, automated deployments, Keycloak (OAuth2, RBAC, multi-tenant), Auth0

Testing & Quality : PyTest, Cypress, Playwright (E2E and integration testing), Strong debugging skills, code reviews, maintainability best practices

Monitoring & Observability : Sentry (error tracking), Amplitude (analytics), Ensuring visibility and reliability in production environments

AI & Integration : OpenAI API (GPT, DALL-E) integration, SaaS B2B experience, Stripe integration, PWA delivery, Twilio (voice integration), Algolia

Work Experience

Square Sense – Full-Stack Engineer

Paris, France | Aug 2023 – Present

- Built scalable applications using Python (Flask, FastAPI) and React with advanced data visualization.
- Optimized backend performance through database tuning, caching strategies, and asynchronous processing.

- Strengthened engineering quality via code reviews, E2E and integration tests with Playwright and PyTest.
- Advocated for a testing culture and collaborative development practices.

Bilik – Full-Stack Developer

Grenoble, France | Jul 2021 – Aug 2023

- Designed and developed modular microservices (API, Twilio voice integration, file management, RabbitMQ event system).
- Built modern and reactive web frontends with React to deliver fast, user-friendly experiences.
- Implemented E2E testing with Cypress and streamlined CI/CD pipelines with GitLab, improving deployment reliability and QA.
- Delivered an AI-powered review system using the OpenAI API to analyze customer feedback at scale.

UCG – Full-Stack Developer

Grenoble, France | Jul 2020 – May 2021

- Implemented web mapping platform for strategic collect point in Dakar

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Education

Master's Degree – Computer Science & Information Systems (Data specialization), EPSI, Paris | 2021 – 2022
Bachelor's Degree – Software Engineering & Information Systems, Dakar / Paris | 2019 – 2020