Alexander Sanchez Cyril

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PROFESSIONAL SUMMARY

Results-driven Software Engineer with 2+ years of experience in full-stack and backend development. Skilled in building REST APIs, Microservices, and cloud-native applications using C#, Go, Python, Django, FastAPI, Node.js, React, and Docker. Strong expertise in CI/CD pipelines, automation, and cloud deployments (AWS, Azure). Adept at delivering innovative solutions that improve productivity, scalability, and developer workflows.

SKILLS

- **Languages:** C#, Go, Python, JavaScript, TypeScript
- **Frameworks:** Django, FastAPI, Node.js, Next.js, React, Tailwind CSS, Celery, Socket.IO, ASP.NET Core
- **Databases:** PostgreSQL, MySQL, SQLite, MongoDB, Redis
- **ML/AI:** Scikit-learn, TensorFlow, PyTorch, OpenCV, NLP, LLMs, NumPy, Pandas, Matplotlib
- **Cloud/DevOps:** Docker, GitHub Actions, Azure, AWS, Kafka, CI/CD, Automation
- **Tools & Methodologies:** ESLint, Supabase, Firebase, Agile Development, Microservices, Distributed Systems, Event-Driven Architecture

EXPERIENCE

FREELANCE SOFTWARE ENGINEER   **United States/REMOTE**
                                                                                                            Jan 2025 – Present

Tech Startup (AI Productivity Tools)
- Designed and developed AI Builder, a developer productivity tool that automates boilerplate code generation, reusable templates, and documentation.
- Enhanced developer efficiency by reducing project setup and configuration time by over 40%, accelerating delivery timelines.
- Implemented modular architecture for integration with frameworks like Django, PostgreSQL, and Next.js.
- Streamlined workflows with CI/CD pipelines (GitHub Actions) and automated User Acceptance Testing (Squash) for reliable deployments.
- Optimized the tool for scalability, enabling multi-project reuse and faster onboarding for new developers.

FREELANCE SOFTWARE ENGINEER   **Lagos/REMOTE**
                                                                                                            Sep 2024 – Dec 2024

DevOps Consulting Firm (Code Analyzer Studio)
- Designed and delivered Code Analyzer Studio, a desktop application for visualizing codebases and performing detailed static analysis.
- Enabled engineering teams to identify performance bottlenecks, duplicated logic, and code smells more efficiently.
- Built modular analysis features supporting multiple languages and frameworks.
- Delivered the app with Tkinter, integrating advanced visualization using TTkBootstrap.
- Streamlined developer adoption by creating reusable modules and intuitive UI workflows.
- Collaborated with client teams to test, validate, and refine the product for real-world DevOps use cases.

FREELANCE FULL-STACK DEVELOPER   **Lagos/REMOTE**
Apr 2024 – Aug 2024

API Integration Service
- Built Universal Time, a real-time global clock platform with developer-friendly REST APIs for seamless time zone integration in third-party applications.
- Designed and deployed scalable backend services using Node.js/TypeScript, PostgreSQL, and Next.js ensuring high availability and low-latency responses.
- Created a responsive front-end interface with Next.js and Tailwind CSS for global users.
- Implemented caching strategies with Redis to optimize time zone calculations and reduce API response time.
- Integrated Dockerized environments and CI/CD pipelines for smooth deployments.
- Documented API endpoints and created developer onboarding guides to improve adoption and integration speed.

FREELANCE SOFTWARE ENGINEER (DATA AUTOMATION)   **Canada/REMOTE**
Sep 2023 – Mar 2024

Data Analytics Firm (Advanced AI Web Scraper Pro)
- Developed Advanced AI Web Scraper Pro, an intelligent data extraction tool with customizable scraping rules for flexible content retrieval.
- Enabled analytics teams to reduce manual data collection by over 60% through automated workflows.
- Implemented machine learning models (scikit-learn, TensorFlow) to classify, clean, and structure extracted data.
- Built robust error-handling and retry mechanisms to ensure scraper resilience against website changes.
- Integrated monitoring and logging to track scraping performance and ensure data integrity for end users.

EDUCATION
Bachelor of Science (B.S.) in Software Development *(In Progress).*
Brigham Young University – Idaho, 2023 – Present

CERTIFICATIONS
Web & Computer Programming
Brigham Young University – Idaho, 2024