SAMI YAHIR AREVALO

Systems Engineer | Backend & Full-Stack Developer

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Personal Statement

I am a systems engineer with strong expertise in building high-performance, scalable applications using modern technologies. I specialize in backend development, DevOps practices, and event-driven architecture with tools like Kafka and RabbitMQ. I've worked with agile teams across Latin America and have international experience, having studied and lived in Australia for 10 months. I combine strong technical knowledge with a user-focused mindset, excelling at delivering effective software solutions aligned with business goals.

Key Skills

- Backend & Full-Stack Development (Java, Spring Boot, Kotlin, PHP, React.js)
- Event-Driven Architecture (Kafka, RabbitMQ)
- DevOps & Cloud Platforms (AWS, Azure)
- Microservices & Clean Architecture
- Frontend Development (HTML5, CSS3, Bootstrap, React, Angular)
- Agile methodologies: Scrum, Kanban
- CI/CD, Unit Testing (JUnit, Mockito)
- English Level: B2 Advanced

Professional Experience

- Full-Stack Developer – Tempo Bank (Chile)

Feb 2025 – Present

-Designing and developing scalable fintech solutions in an agile team.

-Leading backend architecture for a centralized back-office platform integrating cards, accounts, and investment services.

-Implemented microservices with event-driven communication architecture.

-Developed caching strategies with automatic invalidation to maintain data consistency.

-Built authentication and authorization systems using roles and JWTs.

-Integrated centralized logging and auditing systems for traceability and compliance.

-Tech Stack: Java 21, MySQL, AWS, Redis, Kafka, React, Retool.

- Software Engineer II – Tekton Labs (Remote/Peru)

Aug 2024 – Jan 2025

- Developed and maintained backend and frontend applications using Java, Spring Boot, React.js, and AWS.

-Supported Tenpo (a Chilean digital bank) in building internal tools using Retool, significantly accelerating delivery cycles.

-Designed and implemented scalable APIs to support key financial operations such as investment, onboarding, and customer management.

-Collaborated with product owners and UX teams to create user-friendly internal tools that improved operational efficiency.

-Followed CI/CD practices for automated testing and deployment pipelines using AWS services and Git workflows.

-Ensured data consistency and compliance through proper handling of financial records and auditing logs.

-Participated in agile ceremonies and code reviews to maintain high-quality standards and team alignment.

-Integrated third-party APIs and microservices into a unified system for internal users, improving support response time.

- Backend Developer – Rappi (Colombia)

Jun 2022 – Mar 2024

-Developed backend services in Java, Spring, and Kotlin.

-Handled more than 1 million Kafka events per day in an event-driven architecture.

-Applied DevOps practices and used AWS, Git, and Bitbucket for deployment and version control.

-Designed backend architectures to manage changes in customer orders.

-Managed and integrated auditing services for traceability and compliance.

-Monitored critical services and provided support at any time of the day when needed.

-Actively participated in business design meetings and Event Storming sessions.

- ● Solution Consultant III – Sophos Solutions (Medellín)

Apr 2021 – Jun 2022

-Worked on backend systems for Bancolombia using Java, reactive and functional programming, and test-driven development (TDD).

-Implemented event-driven architecture with RabbitMQ and clean architecture principles.

-Designed and maintained microservices handling high-volume financial transactions with strict consistency and security requirements.

-Integrated systems with banking services such as account management, credit approvals, and transaction processing.

-Collaborated with multidisciplinary teams to ensure regulatory compliance (e.g. data protection, auditability).

-Developed internal APIs for interbank communication and real-time customer notifications.

-Participated in incident response and troubleshooting for production systems under SLA constraints.

-Tools: Azure, AWS, Git, RabbitMQ, Java Spring.

- ● Development Analyst – Cidenet (Medellín)

Jan 2021 – Apr 2021

- Developed applications using PHP (Laravel), Java, and Vue.js under Scrum methodology.
- Built responsive frontends using HTML5, CSS, Bootstrap, and React.js.

- ● Senior Developer – Next Software Solutions (Bogotá)

Jan 2020 – Nov 2020

- Built mobile apps for iOS and Android using Apache Cordova and Ionic.
- Developed backend APIs in Java 8 and participated in system migrations.

- Senior Developer – Academic Projects (UFPS, Sardinata)

Jan 2020 – Nov 2020

- Developed a school health monitoring system using Laravel, Docker, and MySQL under XP-RUP agile methodology.

- Senior Developer – UFPS (Cúcuta)

Aug 2019 – Dec 2019

- Maintained and deployed the 'Infrared' system using Apache, MySQL, PHP (Laravel), and Java 8 on AWS.

Education

Systems Engineer – University Francisco de Paula Santander (UFPS)
Jan 2015 – Dec 2020

High School Diploma – Instituto Técnico Municipal de Los Patios
Dec 2014

Certifications & Courses

- Linux Essentials – Cisco Networking Academy / LPI
- Cybersecurity Essentials – Cisco Networking Academy
- Frontend Development for Mobile – MINTIC
- AWS Cloud Practitioner – SP Academy
- DevOps Basics – SP Academy
- AWS Cloud Fundamentals – Platzi
- Full English Immersion Program – NCVE Australia
- Intensive General English – North College Academy
- Develop a Social Network (Angular & NodeJS) – Udemy

Languages

Spanish: Native
English: B2 (Advanced)

References

Available upon request