

# Franck Kabasele

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Portfolio: [fkabasele.com](https://fkabasele.com)

## >Professional Summary

I am a **Full Stack Engineer** focused on building *resilient, scalable* systems that solve real business problems. I combine deep backend expertise in **microservices** and **event-driven** architecture with a strong command of modern frontend development using **TypeScript, Go, Node.js, React, PostgreSQL, AWS** (Fargate, Kinesis, ECS), and **Terraform**.

## >Technical Skills

- **Languages:** Go, Node.js, TypeScript, JavaScript, Python, SQL, Shell Scripting
- **Cloud Platforms:** AWS (Lambda, RDS, ECS, Kinesis, SQS, SNS, S3, Cognito, VPC, API Gateway, Step Functions)
- **Frameworks & Libraries:** React, Redux, Angular 6, Hapi.js, GraphQL, Express, Gin, Echo, Mongoose
- **DevOps & CI/CD:** Terraform, AWS CDK, Serverless Framework, Docker, Kubernetes, GitHub Actions, Jenkins, Semaphore
- **Observability & Tooling:** DataDog, CloudWatch, NewRelic, Splunk, Git, JWT, Fern (OpenAPI),

## Kard Financial | Software Engineer I | Atlanta, GA

Oct 2022 - Present

*Kard Financial offers a rewards-as-a-service platform tailored for neo-banks.*

- Contributed to the design and development of a scalable, *multi-tenant* backend system for a large-scale transactional fintech platform, utilizing **Node.js** in a **containerized (ECS Fargate, Docker)** environment to process millions of transactions..
- Built and maintained a real-time, **event-driven** processing pipeline using **serverless** technologies including **AWS Kinesis, Lambda, and DynamoDB**, ensuring high reliability and performance for core rewards calculation services.
- Automated infrastructure provisioning for over 50 microservices by implementing Infrastructure as Code (IaC) with **Terraform**, streamlining deployments across multiple AWS environments.
- Established a comprehensive observability suite using **DataDog** and **CloudWatch**, leading to proactive issue detection, automated alerting, and reduced incident response times.
- Designed secure, versioned RESTful APIs (**Go, OpenAPI**) and a hybrid database strategy (**PostgreSQL, MongoDB, DynamoDB**) to ensure data integrity and optimize performance.
- Utilized AI tools like GitHub Copilot in daily development workflows to improve productivity, streamline documentation, and enhance code quality.

## Cox Automotive | Software Engineer I | Atlanta, GA

Nov 2021 - June 2022

*Cox Automotive Inc. makes buying, selling, owning and using vehicles easier for everyone.*

- **Optimized a high-volume dealership widget platform**, engineering new **Node.js** microservices to handle complex configuration logic and data delivery.
- **Modernized the frontend architecture** by developing a modular **React.js** component library, ensuring UI consistency and reducing load times across dealer websites.
- **Reduced technical debt** by authoring a custom **Mocha** and **Jest** testing framework, establishing automated quality gates that eliminated critical pre-production defects.

## Florence Healthcare | Software Engineer | Atlanta, GA

Mar 2021 - Sept 2021

*Florence advances clinical trials through software for managing document and data flow between research sites and sponsors.*

- Refactored **legacy** events flow into a **Service-Oriented Architecture (SOA)** using RabbitMQ to decouple microservices and improve scalability.
- Developed **cloud-native Node.js (Hapi) REST APIs** on AWS to manage secure data ingestion for clinical trials.
- Shipped core product features and resolved production defects, working directly with stakeholders to improve platform stability.