GABRIEL PRANDO

Senior Software Engineer ~ Platform Engineer

+55 46 99903 9412
gprando55@gmail.com
Paraná, Brazil
github.com/prandogabriel
prandogabriel.dev
/in/prandogabriel

SUMMARY

Experienced Software Engineer with over six years of experience in the design and maintenance of distributed systems, focusing on serverless architectures and containerized applications. Proficient in AWS, Kubernetes, and CI/CD pipelines, with a track record of improving system observability and operational resilience.

SKILLS

Languages: Golang, NodeJs, Typescript, SQL, Java, Rust.

Technologies: AWS, Serverless, Docker, Kubernetes, Kafka, Gitlab CI, Github Actions, Helm.

EDUCATION

09/2023 - 02/2026 **Master's in Electrical and Computer Engineering** — **UTFPR (Federal University of Technology – Paraná)**

Focused on energy management systems and control architectures for Distributed Energy Resources (DERs), including IEEE 1547.1 standards and OpenADR 3.0.

02/2018 - 08/2023 **Bachelor's in Computer Engineering** — **UTFPR (Federal University of Technology – Paraná)**

Focused on senser networks and high availability architecture for IoT applications.

EXPERIENCE

04/2025 – Present **Senior Software Engineer** — **Kojo - San Francisco, US (Remote)**

- **Key Activities:**
- Developed full-stack features across a React/Next.js frontend, React Native mobile app and a Node.js/GraphQL backend, using TypeScript, Apollo Client, Redis, Elasticsearch, Prisma, and PostgreSQL.
- Maintained and improved role-based access control systems using CASL, including migration scripts, management UIs, and security-focused mutation patterns.
- Authored technical specifications for complex enterprise features, defining architecture, data models, and phased rollout strategies.
- Optimized database queries and built observability dashboards in Datadog to monitor feature performance and validate rollout safety.
- **Key Projects and Achievements:**
- Led the new role-based access control system migration (RBAC), designing a script that migrated ~2k organizations and 45,000+ users while preserving custom permissions.
- Implemented a new access control system for platform-level entities, enabling enterprise clients to control visibility to their users across the entire platform.
- Built cross-organization user management end-to-end, enabling enterprise clients to manage users across their child organizations without support tickets.
- Contributed to improving CI/CD reliability.

06/2024 – 06/2025 **Senior Platform Engineer** — **iFood - São Paulo, Brazil (Remote)**

- **Key Activities:**
- Designed and optimized CI/CD pipelines using GitLab CI, creating automation scripts and libraries in Golang for more than 4k applications.
- Developed web APIs and microservices on Kubernetes using Java Spring Boot, Golang, Kafka, S3, and PostgreSQL.
- Implemented workers and background jobs for distributed systems in event-driven architectures.
- Leveraged Argo Rollouts to enable canary deployments for safer incremental releases.
- Maintained and enhanced Helm templates for scalable Kubernetes deployments.
- **Key Projects and Achievements:**
- Reduced pipeline execution time by 50% by optimizing CI/CD workflows.
- Enhanced deployment safety with Argo Rollouts for canary releases.
- Remodeled the rollback solution, simplifying the input from 4 parameters to just the service name. This significantly reduced cognitive load and enhanced safety during incident management, with the process being adopted by over 2,000 applications.

03/2024 – 06/2024 **Senior Platform Engineer** **Conta Simples - São Paulo, Brazil (Remote)**

- **Key Activities:**
  - Improved CI/CD processes by redesigning GitHub Actions workflows to be technology-agnostic, supporting multiple languages.
  - Standardized role permissions across the organization on GitHub, ensuring compliance and security.
  - Created a Lambda layer for interaction with AWS Lambda internal APIs.
  - Developed plugins for the Serverless Framework to enhance its functionality.
  - Facilitated internal technical discussions to promote improvements across the backend ecosystem.
  - Gained hands-on experience with Prometheus, Grafana, Terraform, Helm, and Kubernetes manifests.
- **Key Projects and Achievements:**
  - Redesigned reusable CI/CD workflows to support multi-language deployments, enabling Python and Go projects to use the same GitHub Actions workflow for deployments.
  - Built a Lambda layer leveraging the Lambda Telemetry API to collect metrics from Lambda functions and forward them to a Prometheus Push Gateway, enabling observability outside AWS CloudWatch.
  - Developed utility libraries for AWS Lambda, simplifying day-to-day development tasks and improving productivity for other developers in the organization.

12/2022 – 03/2024 **Platform Engineer** **Conta Simples - São Paulo, Brazil (Remote)**

- **Key Activities:**
  - Created and maintained tools, libraries, and SDKs for internal use by engineering teams, leveraging Node.js and Golang.
  - Automated the provisioning of observability resources for applications.
  - Designed and maintained CI/CD workflows and reusable actions for serverless applications on AWS using GitHub Actions.
  - Established observability standards for engineering teams, including metrics, alarms, and dashboards.
  - Collected and analyzed metrics to assess the maturity of projects and delivery processes.
- **Key Projects and Achievements:**
  - Defined minimum observability standards for applications, including default metrics and alarms. Developed a Serverless Framework plugin to provision alarms and dashboards as IaC using CloudFormation, fostering an observability culture within the company and enabling faster incident detection and resolution.
  - Built reusable CI/CD workflows, actions, and templates, as well as scripts and automations for migrating repositories from Azure DevOps to GitHub. This initiative enabled the migration of approximately 400 projects in under 45 days.
  - Addressed critical security issues related to login by adding layers of protection such as geolocation-based sessions, reCAPTCHA, trusted sessions, and suspicious activity blocking. These measures led to a reduction of over 70% in login-related fraud and social engineering attacks.

06/2021 – 12/2022 **Software Engineer** **Conta Simples - São Paulo, Brazil (Remote)**

- **Key Activities:**
  - Developed new backend functionalities using Node.js, Golang, and the AWS ecosystem, including Lambda, SNS, SQS, KMS, SSM, Cognito, API Gateway, DynamoDB, and Aurora.
  - Designed and maintained REST and GraphQL APIs.
  - Conducted surveys and planned architectures for new services and improvements to existing ones.
  - Wrote automated tests to ensure delivery quality and reliability.
  - Built libraries and npm packages for internal and external use.
  - Contributed to the development of financial services, focusing on PIX transactions and financial management solutions.
- **Key Projects and Achievements:**
  - Automated corporate payment processes by designing a batch PIX processing feature, enabling companies to execute transactions more efficiently and reducing manual operational effort.
  - Developed a solution for attaching tax receipts, helping companies better organize their expenses, improve fiscal control, simplify processes, and reduce potential accounting errors.

05/2020 – 06/2021**Backend/DevOps Developer** **Bonaparte - Porto Alegre, Brazil (Remote)**

- **Key Activities:**
  - Developed microservices using Node.js, TypeScript, Jest, MariaDB, and Strapi.
  - Created and maintained resources in Kubernetes.
  - Configured reverse proxy with Nginx.
  - Designed and planned architectures for new services, adhering to Agile methodologies.
  - Developed web pages for a real estate system using NuxtJs (VueJs).
  - Implemented backend features with Node.js in a serverless architecture using Kubeless and Docker on Kubernetes.

LANGUAGES

English - Upper-Intermediate, **Portuguese** - native