

Pedro Posada

Cloud Engineer

(514) 994-4059 | zorroposada@gmail.com | pedroposada.com | linkedin.com/in/pedro-posada | Montreal, QC, Canada

PROFESSIONAL SUMMARY

Cloud Engineer with 13+ years of experience spanning the full spectrum of modern software delivery — from architecting secure, scalable cloud infrastructure to building the full stack applications that run on top of it. I've designed and shipped production systems across finance, government, entertainment, and SaaS: Kubernetes platforms on EKS with Karpenter auto-scaling, generative AI products on AWS with PrivateLink-hardened networking, event-driven serverless backends, retail banking React applications, and CI/CD pipelines that eliminated manual deployments across 8+ projects. AWS and Kubernetes certified (DevOps Engineer Professional, AI Practitioner, Solutions Architect, Developer, CKAD), I bring both the infrastructure depth to design multi-account cloud architectures and the software engineering breadth to own features end-to-end — writing the TypeScript, Python, or Go that runs on the platform I built.

I take ownership seriously, move from proof-of-concept to organizational rollout, mentor cross-functional teams, and translate complex technical decisions into clear business value. Whether the problem is a misconfigured Kubernetes node, a security gap in the cloud perimeter, or a product feature that needs to ship — I'm comfortable owning it from first principles to production.

CERTIFICATIONS

- AWS Certified DevOps Engineer – Professional
- AWS Certified AI Practitioner
- Certified Kubernetes Application Developer (CKAD)
- AWS Solutions Architect – Associate
- AWS Certified Developer – Associate

TECHNICAL SKILLS

Cloud Platforms AWS: Control Tower, Route 53, KMS, Service Catalog, Step Functions, EventBridge, SNS/SQS. Azure DevOps

IaC & Automation Terraform, CloudFormation, CDK, Helm, SAM

Containers & Orchestration Kubernetes, EKS, Karpenter, ArgoCD, Docker, Helm, Istio Service Mesh, Kyverno

Languages Python, Bash, TypeScript, JavaScript, Go, Java, PHP

Databases PostgreSQL, MySQL, DB2, MSSQL, DynamoDB, MongoDB

Full Stack NextJS, ReactJS, NodeJS, RESTful APIs, GraphQL, Serverless

CI/CD AWS CodePipeline, GitHub Actions, GitLab CI, ArgoCD, Jenkin, Buildkite

Monitoring & Observability CloudWatch, Datadog, Grafana, Prometheus

Security & Compliance JFrog Artifactory, IAM, OIDC, SAML, JWT, PrivateLink, SonarQube, Encryption at rest and in transit

Architecture Patterns Event-driven, serverless, microservices, distributed systems, multi-account and multi-region governance

Data Extract Transform Load (ETL) Database migrations from IBM mainframes and data sets to RDS databases

PROFESSIONAL EXPERIENCE

Cloud Platform Engineer — Consultant

BMO (Financial Services) | Aug 2025 – Feb 2026 · 6 months | Montreal, QC | Remote

- Led end-to-end architecture and deployment of a generative AI product, owning the full solution design and driving successful organizational rollout.
- Hardened enterprise security by engineering AWS PrivateLink and private DNS for all cloud services, eliminating public internet exposure across the platform.
- Secured executive buy-in for AI initiatives by delivering high-impact proof-of-concepts and presenting strategic recommendations to senior leadership.

- Technology Stack: AWS, Lambda, Control Tower, Route 53, KMS, Service Catalog, Step Functions, EventBridge, SNS/SQS, Terraform, Bash, Python, TypeScript, Linux, EventBridge, CloudWatch, GitHub Actions, DynamoDB

Cloud DevOps Engineer

Tecsys (SaaS) | Sep 2024 – Aug 2025 · 11 months | Montreal, QC | Remote

- Improved cluster reliability and performance by diagnosing and resolving Kubernetes networking, resource allocation, and auto-scaling issues across production environments.
- Cut node provisioning time and reduced cloud infrastructure costs by migrating from Cluster Autoscaler to Karpenter, improving overall scaling efficiency.
- Enhanced observability by upgrading monitoring dashboards and proposed a DevOps pipeline for automated Terraform validation, reducing configuration drift risks.
- Technology Stack: AWS, EKS, Lambda, Kubernetes, Kyverno, Keycloak, Helm, ArgoCD, Terraform, Docker, Bash, Java, Python, TypeScript, Linux, EventBridge, CloudWatch, GitLab CI, Istio Service Mesh, Helm, PostgreSQL

Full Stack Software & Cloud Engineer — Consultant

Canada Border Services Agency (Government) | Nov 2021 – Sep 2024 · 2 years 10 months | Montreal, QC | Remote

- Designed and delivered infrastructure-as-code blueprints enabling fully automated CI/CD across 8+ projects, significantly reducing deployment time and manual intervention.
- Built full stack features across multiple government applications, owning both frontend and backend layers end-to-end.
- Strengthened organizational security posture by hardening container images and enforcing encryption of data at rest and in transit across all cloud workloads.
- Mentored 3+ cross-functional teams on cloud best practices including serverless architectures, event-driven design, and service decoupling, accelerating team autonomy.
- Technology Stack: AWS, EKS, Lambda, Service Catalog, Kubernetes, Terraform, CDK, SAM, Docker, NodeJS, ReactJS, Bash, Java, Python, TypeScript, Linux, EventBridge, SNS/SQS, CloudWatch, CodePipeline, PostgreSQL, DB2

Full Stack Software & Cloud Engineer

Peoples Group (Financial Services) | Jan 2018 – Nov 2021 · 3 years 11 months | Montreal, QC | Hybrid

- Spearheaded end-to-end delivery of a retail banking React application, managing the full SDLC and integrating user analytics to drive data-informed product improvements.
- Built and maintained RESTful APIs and backend services supporting the banking platform's core features.
- Secured system architecture by implementing OIDC and JWT standards, reducing unauthorized access risks and ensuring robust user data protection.
- Pioneered AWS CodePipeline adoption, increasing deployment velocity and significantly reducing manual intervention risks across multiple delivery pipelines.
- Technology Stack: AWS, EKS, Lambda, Kubernetes, Terraform, CDK, SAM, Docker, NodeJS, ReactJS, Bash, Java, Python, TypeScript, Linux, Jenkins, CodePipeline, PostgreSQL, DynamoDB

Full Stack Software Engineer

Bandsintown (Entertainment) | Jan 2017 – Jan 2018 · 1 year | Montreal, QC | In Person

- Developed high-performance React applications serving millions of music fans globally, boosting user retention through seamless UX.
- Engineered scalable RESTful APIs capable of handling high-traffic surges during peak usage, improving system throughput and backend reliability.
- Reduced time-to-market by embedding automated tests into the CI/CD pipeline, eliminating manual bottlenecks and hardening deployment reliability.
- Technology Stack: AWS, Terraform, Docker, NodeJS, ReactJS, Bash, Linux, Buildkite, Nginx, JavaScript, CSS, Webpack, MongoDB, MySQL

Full Stack Software Engineer

IPISL Group (Consulting) | Nov 2012 – Jan 2017 · 4 years 2 months | Montreal, QC | In Person

- Developed a CMS platform (PHP) for pharmaceutical research, enabling non-technical scientists to publish complex clinical findings while maintaining data integrity and regulatory alignment.

- Translated complex system requirements into actionable business logic, aligning cross-functional teams and accelerating project approvals.
- Led automated testing workshops that drove a measurable increase in unit and integration test coverage, significantly reducing production regressions.
- Technology Stack: AWS, NodeJS, ReactJS, PHP, Symfony, Drupal, CSS, jQuery, Bash, Linux, JavaScript, CSS, Webpack, Jenkins, MySQL

EDUCATION

British Columbia Institute of Technology · Vancouver, BC · 2006 – 2007

Software Systems Development, Software Engineering

ICAFT · Bogotá, Colombia · 2000 – 2002

Diploma in International Trade