

KEVIN MENESES PARGA

BACKEND ENGINEER – CLOUD & DISTRIBUTED SYSTEMS

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PORTFOLIOS, PROFILES

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PERSONAL SUMMARY

Backend Engineer specialized in Cloud and Distributed Systems with 4+ years of development experience (2 years professional, 2 years building production-ready cloud projects). Strong background in designing, deploying, and operating scalable microservices on AWS using Kubernetes, Terraform, and Infrastructure as Code. Architected and deployed an 8-microservice marketplace platform on AWS EKS with production deployment, complete observability (Elastic Stack, Prometheus, Grafana), and cost-optimized infrastructure.

SKILLS

Backend Technologies: Node.js, TypeScript, Express.js, Microservices, RESTful APIs, Event-driven Architecture, WebSockets, Message Queues (RabbitMQ)

Databases & Caching: MongoDB, MySQL, PostgreSQL, Redis, Elasticsearch

Observability & Monitoring: Elastic Stack (Elasticsearch, Kibana), Prometheus, Grafana, APM, Distributed Tracing

Cloud & Infrastructure: AWS (EKS, EC2, VPC, Route 53, ACM, ElastiCache, S3, CloudFront), Docker, Kubernetes (EKS), Terraform

CI/CD & Automation: Jenkins, CI/CD pipelines, Automated builds & deployments

SELECTED PROJECTS (CLOUD & DISTRIBUTED SYSTEMS)

Backend Engineer – Cloud & Distributed Systems

JobApp – Microservices Marketplace Platform (Cloud) Independent Project | [GitHub](#) | [Technical Video](#)

- Architected and deployed an **8-microservice marketplace** platform on **AWS EKS** using **Kubernetes and Terraform**, implementing **event-driven architecture with RabbitMQ** for asynchronous service communication
- Implemented complete **Infrastructure as Code (IaC)** with **Terraform** to provision **VPC, EKS clusters, Route 53, ACM, ElastiCache, and IAM roles (IRSA)**, enabling reproducible and production-ready environments
- Containerized all services with **Docker** and orchestrated deployments using **Kubernetes** (Minikube for local development, AWS EKS for production), implementing **health checks, resource limits, and horizontal auto-scaling (HPA)**
- Designed and implemented **secure authentication and authorization** using **JWT-based flows**, service-to-service authentication, and **Redis-based session management** across microservices
- Built a **centralized observability stack** using **Elastic Stack, Prometheus, and Grafana** for logging, metrics, distributed tracing, and performance monitoring

Backend Developer (Monolithic Architecture)

Personal Project

E-commerce Platform

- Designed and developed a full-stack e-commerce platform using a monolithic architecture, implementing core features such as product catalog, shopping cart, authentication, and order management
- Built and maintained backend logic and REST APIs using Node.js and Express, managing business rules and data persistence with MongoDB
- Implemented JWT-based authentication and authorization, handling secure access and user roles
- Developed React-based frontend interfaces and identified scalability and maintainability limitations, motivating the transition to microservices and distributed systems

WORK HISTORY

Backend Developer, 02/2022 - 03/2024

Grupo Vidanta – Puerto Vallarta, Jalisco, Mexico

- Maintained and improved a production backend application, focusing on bug fixing, system stability, and reliable feature delivery under tight deadlines
- Restored and optimized a critical backend system by resolving production issues, improving performance, and ensuring on-time releases in collaboration with cross-functional teams
- Developed and maintained backend logic and APIs, adapting quickly to new technologies and supporting multiple internal projects within a team-oriented environment

EDUCATION

Bachelor of Computer Information Systems: Information And Computer Systems, 03/2020 - 05/2023

Universidad Tecnologica Latinoamericana En Linea - Mexico City, Mexico

LANGUAGES

English



Upper intermediate (B2)

Spanish



Bilingual or Proficient (C2)