

DAKOTA BAZAN

Mar del Plata, Buenos Aires, Argentina

Open-source Contributor – Microsoft Ecosystem | Cloud-Native Solutions Architect AWS

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PROFESSIONAL SUMMARY

Open-source contributor within the Microsoft ecosystem, focused on developer experience, frontend architecture, and production-grade CI/CD practices. Proven experience designing, documenting, and securing enterprise-level frontend platforms and pipelines aligned with real-world, multi-team environments.

Strong background in frontend engineering (React + TypeScript), DevOps workflows (GitHub Actions, Azure), and technical documentation, with accepted contributions to Microsoft and Debian repositories. Oriented to clarity, scalability, and maintainability over vanity metrics.

CORE SKILLS

Frontend & Developer Experience

- React + TypeScript (enterprise-grade architecture)
- Domain-driven frontend design
- Performance optimization (lazy loading, memoization, render control)
- Testability at scale (Unit, Integration, E2E)
- Accessibility and maintainable UI systems

CI/CD & DevOps

- GitHub Actions (CI & CD pipelines)
- Docker & containerized deployments
- Azure App Service & AKS (reference architectures)
- Azure Container Registry (ACR)
- Environment protection rules & manual approvals

Security & Quality

- CodeQL static analysis
- Secret validation workflows
- Branch protection strategies
- Quality gates for production readiness

Documentation & Open Source

- Technical documentation improvement
- Contributor collaboration with maintainers

- Clear problem → solution → impact communication
 - Open-source governance & contribution workflows
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OPEN-SOURCE EXPERIENCE

Microsoft Ecosystem — Open-source Contributor

- Contributed accepted pull requests improving technical documentation and developer tooling clarity
- Identified documentation gaps impacting real developer workflows and proposed maintainable improvements
- Collaborated with Microsoft maintainers through iterative PR reviews and feedback cycles
- Focused on correctness, usability, and long-term documentation sustainability

Debian — Open-source Contributor

- Participated in documentation and ecosystem contributions aligned with open-source standards
 - Applied structured, production-oriented documentation practices
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SELECTED TECHNICAL PROJECTS

Enterprise CI/CD Pipeline — GitHub Actions + Azure (AZ-400 aligned)

Production-grade CI/CD architecture for frontend applications

- Designed and implemented a full CI/CD pipeline using GitHub Actions, Docker, and Azure
- Integrated CodeQL security analysis on every pull request and push
- Implemented secret management using GitHub encrypted secrets (no credentials in code)
- Deployed containerized applications to Azure App Service and AKS (reference architecture)
- Established environment protection rules and manual approvals for production

Impact: Demonstrates real-world DevOps decision-making aligned with Microsoft AZ-400 standards

Enterprise Frontend Architecture — React + TypeScript

- Designed a scalable, domain-driven frontend architecture inspired by large platforms (e.g., Mercado Libre)
- Emphasized maintainability, performance, and multi-team scalability
- Implemented route-based lazy loading, memoization, and performance-critical ownership boundaries
- Built comprehensive testing strategy (Unit + E2E) aligned with CI pipelines

Impact: Serves as a technical verification artifact demonstrating senior-level frontend reasoning

Microfrontend Architecture Simulation

- Built two independently deployable React microfrontends with shared components and a global event bus
- Implemented CI/CD, CodeQL security scanning, and secret validation from day one

- Designed for realistic multi-team collaboration and independent deployment cycles

Backend for Frontend (BFF) — Node.js + TypeScript

- Implemented a production-ready BFF layer following high-traffic platform patterns
- Centralized request orchestration, response shaping, and error normalization
- Added observability-ready logging, request correlation IDs, and strict typing

Frontend Testing Strategy — Enterprise Quality Standards

- Defined applied testing pyramids focused on risk reduction, not metric inflation
 - Implemented deterministic E2E pipelines using Playwright and Cypress
 - Documented what to test vs what not to test to avoid flaky pipelines
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EDUCATION & CERTIFICATIONS

Professional Certifications & Training

- Microsoft AZ-400 — Implementing CI with Azure Pipelines and GitHub Actions (Dec 2025)
 - AWS Training Online — Exam Prep: AWS Certified Developer – Associate (DVA-C02) (Dec 2025)
 - AWS Training Online — Observing, Troubleshooting, and Optimizing Workloads on Amazon ECS (Dec 2025)
 - AWS Training Online — AWS Advanced Testing Practices Using AWS DevOps Tools (Sep 2025)
 - AWS Training Online — Deep Dive with Security: AWS Identity and Access Management (IAM) (Sep 2025)
 - AWS Training Online — Building Language Models on AWS (Sep 2025)
 - AWS Training Online — AWS Learner Guide (Jan 2025)
 - Mercado Libre — Products Ads Certification (Professional training)
 - Teclab Instituto Técnico Superior — Professional Update in Artificial Intelligence (Sep 2025)
 - Teclab Instituto Técnico Superior — Self-Leadership Workshop (Jan 2025)
 - HILET — Web Full Stack Developer (Dec 2024)
 - HILET — Intensive English Program (Mar 2024)
 - HILET — Introduction to Python Programming (Dec 2023)
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LANGUAGES

- Spanish: Native
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POSITIONING STATEMENT

Open to opportunities within the Microsoft ecosystem in roles related to:

- Technical Documentation / Documentation Engineering
- Developer Experience Engineering
- Frontend Engineering (tooling-focused)

Motivated to contribute in environments where technical clarity, system scalability, and real developer impact are core priorities.