

DARIA CALWELL

CONTACT



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[DARIAWHITECASTLE](#)



DariaCalwell

TECH SKILLS

- Platform & Systems
- LangChain/Unstructured/OpenAi
- Multi-tenant SaaS architecture, control planes
- Distributed systems integration (GraphQL, REST, event-driven)
- Auth & security (OIDC, JWT, SSO flows)
- Frontend & Full-Stack
- React, TypeScript, GraphQL, Node.js
- API design collaboration & contract-driven development
- Performance optimization & caching strategies
- Infrastructure & DevOps
- AWS (S3, CloudFront), CI/CD (GitHub Actions)
- Observability (Datadog, Splunk)
- Monorepos (Turborepo), modular deployments
- Collaboration & Leadership
- Remote team leadership, cross-functional alignment
- Product + engineering partnership
- Mentorship and system design leadership

WORK EXPERIENCE

ENGINEERING MANAGER | FRONTEND PLATFORM | CLOUD & COLLABORATION SYSTEMS

Engineering leader specializing in developer platforms, control planes, and scalable SaaS systems. Strong focus on system design, performance, and cross-service integration across distributed cloud environments. Expertise in frontend architecture, scalable UI platforms, and infra-aware application design.

ENGINEERING MANAGER — ASTRA DB CONTROL PLANE (IBM / DATASTAX) 2024 - CURRENT

- Lead engineering for a multi-tenant control plane UI for a serverless database platform
- Driving integration with watsonx.data, aligning identity, org mapping, and provisioning flows across systems
- Define technical strategy and system architecture across frontend + backend integrations
- Partner with backend teams on API design, auth flows, and system contracts
- Improved reliability and observability through Datadog-based monitoring and alerting strategies
- Mentor engineers and raise the bar on ownership, system thinking, and execution

SENIOR SOFTWARE ENGINEER — FRONTEND PLATFORM, GUILD EDUCATION, 2021-2024

- Built and scaled frontend platform architecture used across multiple applications
- Designed modular deployment system (S3 + CloudFront + CI/CD) improving release velocity and reliability
- Led migration from monolithic architecture to independently deployable services
- Contributed to system design decisions impacting performance, scalability, and developer workflows
- Developed internal tooling including AI-powered developer productivity tools

TECH LEAD — ASTRA DB UI PLATFORM, DATASTAX 2021

- Led development of UI for cloud-native database platform
- Built features for network security, private connectivity, and multi-region configs
- Worked closely with backend services to define API contracts and integration patterns

TECH LEAD — KIN & CARTA 2019-2021

- Led frontend architecture for enterprise applications, focusing on scalability, performance, and maintainability
- Introduced functional programming patterns and improved overall code quality
- Mentored engineers and guided technical decision-making across projects

EDUCATION

- Galvanize Web Development Immersive
- BA in English/French/Education

COMMUNITY

- [State Machine presentation at React Denver](#)
- React Architecture overview for the Magellan internal dev team
- Why Javascript? at Galvanize 1 year reunion

PROJECT HIGHLIGHTS

- Platform Modernization
 - Migrated from monolithic Kubernetes deployment → modular CDN-based architecture
 - Reduced coupling and improved independent service scalability
 - Introduced Terraform and GH action for IaaS
- UI Performance Optimization
 - Benchmarked UI metrics using Chrome and Lighthouse
 - Improved UI loading time from 14seconds to 2.5seconds
- Observability & Reliability
 - Designed monitoring strategies using Datadog APM + alerting
 - Improved detection of user-impacting failures vs system-level noise