

CORINNE KRYCH

Principal Software Engineer & Hands-on manager



CONTACT ME

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CORE SKILLS

Programming & Backend

- TypeScript, Node.js,
- Go,
- Java, Groovy

Frontend

- React, TypeScript,
- Angular,
- MUI, Bootstrap,
Tailwind,
- NX, Webpack

Cloud & DevOps

- AWS (Lambda,
DynamoDB,
EventBridge, S3),
- Kubernetes, Docker,
- CI/CD (GitHub Actions,
Jenkins)

Architecture

- Microservices, Event-
driven systems,
- Distributed systems,
scalability, observability

SUMMARY

Staff-level software engineer and hands-on technical leader with extensive experience building **scalable SaaS platforms**, designing cloud-native architectures, and raising engineering quality across organizations.

Strong background in **TypeScript, Node.js, React, Go, AWS**, microservices, developer experience, and architecture practices (ADR/RFC).

Known for influencing technical strategy, mentoring engineers, collaborating with PM/Design leaders, and driving cross-team initiatives around reliability, scalability, and product velocity.

WORK EXPERIENCE

Hands-on Engineering Manager

[CloudBees](#) • remote • Oct 2022 - Present

Led and managed a **distributed team of 8 engineers**, improving delivery velocity in a fast-paced development environment with continuous customer feedback loops.

Implemented **rapid prototyping and iteration cycles**, reducing time-to-market by 30% through fail-fast methodologies and customer validation.

Architected TypeScript-based applications with React frontend, achieving 85% test coverage and 25% reduction in production defects.

Collaborated cross-functionally with Product teams to validate hypotheses through **user interviews and data-driven insights**, documenting 100+ Architecture Decision Records.

Built and scaled **CI/CD pipelines** for rapid deployment and feature rollout in cloud-native environments.

Front-end Lead Architect

[CloudBees](#) • remote • Jun 2019 - Dec 2022

Designed and developed scalable fullstack applications using React/TypeScript, bringing products from inception to market in cloud-native environments.

Engineered **progressive delivery solutions and feature rollout systems**, enabling rapid iteration and customer feedback integration.

- RFC/ADR authoring

Databases

- PostgreSQL (Prisma ORM),
- MongoDB

Practices

- TDD, unit test, e2e testing (cypress, playwright)
- Code reviews,
- Agile, Scrum, user story mapping,
- System design

AI Skills & Tools

- AI productivity tools: ChatGPT, Claude, GitHub Copilot
- AI-assisted development: code generation (claude code), architectural scaffolding
- Design tools: Figma make
- AWS AI Practitioner certification

Optimized UX/UI through **data-driven Product-Led Growth approach**, achieving 50% improvement in user onboarding metrics.

Mentored engineers in rapid prototyping and testing methodologies, establishing 80% unit test coverage standards across modules.

Principal Software Engineer

[Red Hat](#) • remote • Jan 2017 - May 2019

Principal Engineer – OpenShift.io Platform Team, **architecting fullstack applications** from concept to production deployment.

Built Angular-based applications and Node.js/Golang microservices for feature management, reducing user onboarding time by 40%.

Contributed to **open-source React projects**, recognized as top 10 contributor to Unleash-Frontend, demonstrating expertise in modern frontend frameworks.

Applied **Kubernetes/OpenShift development** for scalable, cloud-native application architecture and rapid deployment cycles.

Senior Software Engineer

[Red Hat](#) • remote • Mar 2013 - Jan 2017

Technical Lead – **Multi-platform SDK development** for Mobile Application Platform (iOS, Android, Windows).

Designed and implemented cross-platform solutions with Swift SDK and Linux tooling, ensuring feature consistency and rapid iteration capabilities.

Led **fullstack development initiatives** across multiple platforms, establishing maintainable architecture patterns for scalable applications.

EDUCATION & CREDENTIALS

November 2025	AWS Certified AI Practitioner • Amazon Web Services Training and Certification
June 2022	CAP de Cuisine (Professional Cooking Certificate) • Lycée Francis de Croisset
1991 - 1996	Master's degree, Information Technology • ESIEA • Focus on software engineering, systems architecture, and information technology principles

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