

Corinne Kelly

Senior Software Engineering Manager | Solutions Architect

Software Engineering Manager with 8+ years of experience leading full-stack engineering teams, owning software architecture, and delivering measurable business outcomes. Proven success in mentoring engineers, scaling systems, and aligning technical strategy with product goals. Expert in frontend and backend development using JavaScript (Vue, React), Python, and modern CI/CD practices. Passionate about building high-performing teams, driving innovation, and optimizing processes to accelerate delivery and boost retention, performance, and user satisfaction.

PROFESSIONAL EXPERIENCE

CLOAKED

Senior Tech Lead | Fullstack Solutions Architect

Remote

6/2022-Present

- **Led the architecture and launch of an improved user experience**, leveraging a loop/reward engagement model that reduced customer churn by **16%**.
- **Spearheaded a system-wide API optimization initiative**, reducing response times by up to **10x** and significantly improving platform performance.
- **Directed the development of a new top-of-funnel user experience**, resulting in a **5% increase in customer enrollments** and improved lead conversion.
- **Architected and implemented enhanced authentication flows**, introducing verified email and phone login, which led to a **30% reduction in customer support tickets**.
- **Designed and launched a secure multi-factor authentication (MFA) system** with device ID recognition, enhancing account security and improving user trust.

POWERFLEX

Fullstack Software Engineer II

Remote

12/2019-06/2022

- **Led full-stack development** of an innovative EV charging platform, driving **architecture design** and adaptive load management to support performance and UX.
- Built and maintained robust **CI/CD pipelines** (YAML + GitHub Actions), significantly improving engineering velocity and reducing deployment time.
- Championed **technical interviews** and team development efforts, mentoring engineers and strengthening organizational capabilities.
- Integrated **customer feedback** into product development, leading to **data-driven improvements** and measurable boosts in user satisfaction.
- Developed **backend APIs and payment systems** using Python, Flask, and Jinja, ensuring **secure, scalable, and reliable infrastructure**.
- Contributed to company-wide impact by **leading intern programs**, transitioning them into productive full-time engineers.

TANGELO

Software Engineer

Remote

06/2017-12/2019

- **Developed and launched 3 React Native applications** with a strong emphasis on intuitive user experience, seamlessly integrated into a fully functioning food ordering system.
- **Designed and implemented a custom image uploading solution** using AWS services, enabling fast and reliable media uploads for end users.
- **Evaluated and vetted third-party libraries and tools**, ensuring integration stability, long-term maintainability, and performance optimization across mobile platforms.
- **Collaborated closely with product and design teams** to anticipate user behavior and shape UX strategies, resulting in more intuitive and engaging mobile interfaces.

CONTACT



914-261-5035



corinnemariekelly@gmail.com



[linkedin.com/in/corinnekelly](https://www.linkedin.com/in/corinnekelly)



www.corinnemariekelly.com

SKILLS

- **Leadership & Management:** Team Development, Hiring Strategy, Mentorship, Performance Reviews, Cross-Functional Collaboration
- **Technical Expertise:** JavaScript, Vue.js, React, Python, Node.js, YAML, CI/CD, GitHub Actions, HTML/CSS, REST APIs
- **Architecture & DevOps:** System Design, Trunk-Based Development, Scalable Architecture, Microservices, Testing Strategy
- **Business Impact:** Retention Improvement, User Experience Optimization, Deployment Speed, Data-Driven Development

EDUCATION

CARNEGIE MELLON UNIVERSITY
Pittsburgh, PA

Bachelor of Science
Majoring in Management & Policy
Minoring in Design & Architecture

FLATIRON SCHOOL
New York, NY

Fullstack Web Development Grad