Christopher Karkut

Full Stack Developer | Typescript | Node | React

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[Portfolio](#)   [Github](#)   [Linkedin](#)

Full Stack Developer | The Flood Team & Disaster Logic | 02/2022 – Present

Feature & Product Development

- Built and shipped full-stack features across frontend and backend, supporting users, contractors, and administrative workflows in a fast-paced startup environment.
- Designed and implemented a dynamic job timeline, guiding users step-by-step, dramatically improving job completion rates and reducing workflow errors.
- Developed a seamless booking flow, capturing critical information upfront and providing contractors with actionable data to improve scheduling efficiency.
- Rebuilt core applications from single-tenant to multi-tenant architecture using Next.js with SSR and optimized state management, enabling scalable SaaS onboarding for multiple clients.
- Pivot daily between legacy maintenance, urgent fixes, and new feature development, demonstrating agility in a high-demand environment.

Technical Leadership & System Architecture

- Lead development as sole engineer, previously pairing with team members and mentoring junior developers to maintain best practices.
- Architected AWS-hosted infrastructure: Amplify deployments, Lambda serverless functions, PostgreSQL with Prisma ORM, and Dockerized development environments.
- Implemented CI/CD pipelines and deployment workflows, reducing errors and downtime in production.
- Designed secure API patterns, OAuth 2.0 authentication, and role-based access, ensuring compliance and protection of sensitive data.
- Optimized React/Next.js performance through component refactoring, SSR improvements, and efficient state management.

Key Projects & Achievements

- Disaster Logic App – Multi-tenant rebuild of legacy system; increased job completion and streamlined scheduling (private/internal).
- Payment system integrations – Stripe, Twilio, and SendGrid enabled secure, automated subscriptions, notifications, and transactional workflows.
- Legacy system modernization – Migrated mission-critical workflows to modern stack with minimal disruption, reducing technical debt.
- Mentored junior developers and contributed to standardized component libraries, improving code quality and team onboarding.

Core Technical Skills & Stack

- Languages & Frameworks: JavaScript, TypeScript, React, Next.js, Node.js, Express, Tailwind CSS, HTML5, CSS3
- Databases & ORMs: PostgreSQL, Prisma ORM, MongoDB, MySQL
- Cloud & DevOps: AWS Amplify, Lambda, Docker, CI/CD, serverless architecture, SSR
- Other: Multi-tenant architecture, UX optimization, scheduling systems, Stripe payments, agile workflow, mentorship

Other Key Projects

- Spider Lily Suite – Complete business solution including marketing site and payment-enabled web app (Astro, React, Stripe).
- Consent Companion Suite – Universal SaaS tool derived from Spider Lily client work for broader market adoption (React, Node.js).
- CJ's Pick-List – Shopping management app with optimized state management (React, Zustand, Tailwind).