

Spencer Asavadejkajorn

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Software Engineer

SUMMARY

Technically sophisticated and data-driven professional with a proven track record in software design, architecture, and full-stack development. Experienced in leading technical migrations, cloud infrastructure, and infrastructure as code. Strong focus on CI/CD, and the design and refinement of AI harnesses and agent workflows that elevate team-wide engineering practices.

TECHNICAL PROFICIENCIES

Languages: TypeScript, JavaScript, PHP

Front-End: React, React Native, Vue, Nuxt, Next.js, Redux, HTML, CSS

Back-End: Laravel, Node.js, Express, MySQL, PostgreSQL, MongoDB

Infrastructure: AWS, SST, Docker

AI Tooling: Cursor Agents, Claude Code, Codex, Skills.sh, Model Context Protocol (MCP), GitHub Copilot

EXPERIENCE

Blu Digital Group (acquired by TransPerfect) – Software Engineer

2023 – Present

Delivered features across a complex end-to-end media pipeline — spanning ingest, transcoding, workflow orchestration, and content delivery — within a high-throughput video infrastructure platform. Modernized legacy applications across PHP, TypeScript, Vue.js, MySQL, AWS, and Docker to improve performance and maintainability. Architected a TypeScript-based serverless microservice leveraging AWS and Docker for secure large-format file transfers between cloud storage systems. Designed and refined a custom AI harness and agentic workflows to reduce tooling inaccuracies and accelerate team-wide development processes. Acquired by TransPerfect Translations in 2025.

- Reduced storage costs by 80% via lower-cost egress routing and on-premise server integration
- Increased transfer speeds 10x through autoscaling architecture
- Upgraded Vue.js 2 to 3 and Laravel 8 to 12, improving page load times by 75%
- Built a Slack notification bot using AWS SNS and Lambda for S3 bucket upload events
- Implemented an atomic design system to standardize and accelerate frontend development
- Created agentic workflows for PR reviews, bug triage, automated testing, and Jira assignment

Lessen – Software Engineer

2021 – 2022

Designed and launched scalable web and mobile applications using TypeScript, React, React Native, Redux, Hasura, GraphQL, PostgreSQL, Kubernetes, and AWS on both iOS and Android platforms.

- Transitioned vendor experiences from monolithic architecture to microservices, incorporating Okta authentication.
- Developed automated CI/CD pipelines leveraging GitHub Actions, Appcenter, and Fastlane to streamline deployments.
- Optimized application performance using FullStory and Sentry for event tracking and debugging.
- Integrated push notifications and automated workflows to enhance user engagement and reduce task completion times by 65%.
- Implemented reusable, responsive components with Storybook, maintaining high standards for UI/UX design.
- Enabled service professionals to submit invoices on the go by building a mobile invoicing system, reducing end-to-end job completion time by 50%.

EDUCATION

Hack Reactor – Advanced Software Engineering Program

2021