Yul Lee Kim

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Summary

Frontend Engineer with 5 years of experience building B2B SaaS products with React and TypeScript. Experienced in rich-text editors, design systems, and large-scale frontend migrations.

Work Experience

Software Engineer III Dec 2021 — May 2024
6sense (YC W13) *Singapore*

- Co-invented a patented AI sales email system and built its editor, where users review and edit the emails it generates, with slash commands, streaming LLM rewrites, and anchored highlights.
- Migrated the editor from Draft.js to Lexical to fix selection and state-sync issues during streamed rewrites.
- Eliminated repeated 20-minute CI reruns for a 7-engineer team by rewriting a flaky 3,000+ Cypress test suite in Playwright over 8 weeks.
- Added per-PR coverage reporting with GitHub Actions and Istanbul while maintaining 83%+ coverage.

Frontend Engineer (promoted from Junior) May 2019 — Dec 2021
Saleswhale (YC S16, acquired by 6sense) *Singapore*

- Delivered a year-long migration from Ember to React, moving the application onto a more actively supported ecosystem.
- Built a component library, documented it in Storybook, and used it across the migrated application.
- Increased test coverage from 15% to 60% in 6 weeks by introducing API mocks with Ember Mirage and adding ~2,000 acceptance and integration tests.

Projects

side.dot — Collaborative Spec Editor Oct 2026 — Present *React · TypeScript · ProseMirror · Yjs · Node.js · PostgreSQL · WebSockets*

- Building a workflow that connects specs to Linear issues, shows issue status inline, and suggests updates when linked specs change.
- Implementing persistent block IDs with Yjs to keep issue links stable across concurrent edits, block splits, and merges.

essenti-ui — React Component Library Jun 2026 — Present *React · TypeScript · Storybook*

- Building accessible interaction primitives with consistent keyboard navigation, focus management, and composable menu APIs.

Patent

System and Method for Automatically Generating Email and Associated Email Strategies — US Patent 12,406,285 B2 · 6Sense Insights, Inc. · Co-inventor 2025

Skills

- **Frontend:** React, TypeScript/JavaScript, Next.js, ProseMirror, Lexical, Storybook
- **Backend:** Node.js, PostgreSQL, Yjs, WebSockets
- **Tooling:** Playwright, Cypress, GitHub Actions, Sentry, Datadog, Figma

Education

University of Southern California Los Angeles, CA
B.A. in Communications · Minors in Computer Programming and in Web Technologies & Applications *2014 — 2018*

- Cum Laude, GPA 3.69 / 4.0

Syracuse University Syracuse, NY
Coursework in Information Management and Technology *2012 — 2014*

- GPA 3.81 / 4.0