

Kiran KalyanKumar

Engineering Manager | Software Engineering Lead

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SUMMARY

Engineering leader with 12+ years across frontend engineering, architecture, and people leadership. Lead multi-squad teams (frontend, backend, and QA) while staying hands-on in the code. Recently built the centralised AI governance platform now used as the standard across my organisation's UI engineering teams.

CORE SKILLS

Leadership: Multi-squad management, hiring, mentoring, performance management, stakeholder management

Engineering: React, TypeScript, GraphQL, Node.js, frontend & backend-for-frontend architecture, micro-frontends

Platform & AI: AWS, Kubernetes, CI/CD, AI-augmented development (Claude, Copilot, Codex)

EXPERIENCE

Software Engineering Lead / Manager, Elsevier

Oct 2023 – Present

Amsterdam, Netherlands

- Lead multi-squad teams across frontend, backend, and QA, managing up to 8 engineers directly and around 12 across two squads.
- Lead the architecture and delivery of DP-Nexus, the module-federated micro-frontend platform Elsevier's operations teams use to monitor a large-scale research data pipeline: tracking data flow and lineage, triaging quality with red/amber/green status, and promoting datasets of up to hundreds of millions of records.
- Built and own the UI Centre of Excellence's centralised AI governance platform: shared standards, guardrails, and reusable agentic skills that work across Claude, Copilot, and Codex, now used by 15+ repos across several squads.
- Cut CI build time from 50 minutes to under 3 (a 97% improvement) by re-architecting a monolith into micro-frontends and migrating to Vite.
- Ran full-cycle hiring across frontend, backend, and QA, and built a team culture holding engagement scores above 8.5, with two promotions to date.

Principal Software Engineer, Elsevier

Apr 2022 – Oct 2023

Amsterdam, Netherlands

- Led the migration of a large monolith into five domain-split micro-frontends, improving deployment independence and team autonomy.
- Architected a config-driven micro-frontend library adopted by three major products serving millions of users, still in production today.
- Partnered with principals across data, backend, and quality on architecture decisions, and authored the supporting ADRs.

Senior Software Engineer, Elsevier

Mar 2019 – Apr 2022

Amsterdam, Netherlands

- Built greenfield frontend infrastructure and the original micro-frontend library later adopted by three major products.

Lead Consultant / Senior Engineer, HCL Technologies (for ING)

Feb 2018 – Feb 2019

Amsterdam, Netherlands

- Built and shipped the ING Beleggen investment app (React Native, iOS and Android) to 100,000+ users.

Senior UI Consultant, ThoughtWorks

Jul 2015 – Feb 2018

Bangalore, India

- Built a themeable app for the UK's largest travel retailer: one codebase skinned into 9 themes for 9 train operating companies.

Frontend Consultant, Deloitte Digital

Jan 2014 – Jul 2015

Bangalore, India

- Delivered cross-platform mobile and web frontends for major US clients in insurance, technology, and food and beverage.

EDUCATION

B.E. Computer Science — Visvesvaraya Technological University, 2009 – 2013