

Mohamed Ismail

Senior Frontend Engineer — Technical
Leadership & Architecture

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SUMMARY

Senior Frontend Engineer with 10+ years building and leading complex, high-volume web platforms in React, TypeScript and modern JavaScript. Regularly owns architecture and technical direction — led the JavaScript → TypeScript and REST → GraphQL migrations end-to-end, authored ADRs, and set engineering standards for testing, linting and CI/CD. Held a Technical Lead title at HCL Technologies, and has a consistent multi-year track record of mentoring engineers, running code reviews, and acting as the technical bridge between engineering, product and platform teams. TDD-first and pragmatic, with experience across enterprise fintech, blockchain tooling and high-traffic SaaS platforms. Based in the Netherlands.

SKILLS

Frontend	React, TypeScript, JavaScript, Next.js, Redux, Micro-Frontends (Webpack Module Federation)
Architecture & Leadership	ADRs & architectural decisions, JS → TS and REST → GraphQL migrations, engineering standards, code review, mentoring & onboarding
Backend & APIs	Node.js, Express, GraphQL (Apollo), REST, WSO2 API Gateway
Cloud & CI/CD	AWS (Lambda, S3, CDK, Serverless), Azure DevOps, Jenkins, GitHub Actions, GitLab CI
Testing & Quality	TDD, Vitest, Jest, Cypress, Playwright, React Testing Library

EXPERIENCE

Senior Fullstack Engineer · Nationale-Nederlanden Nov 2024 – Present
The Hague, Netherlands

- Author ADRs and drive architectural decisions for the platform — consistent DTOs, camelCase API contracts, and an end-to-end testing strategy.
- Set engineering standards for testing, linting, pre-commit automation and security hardening; plan and execute major platform upgrades across Nx, React, TypeScript, Node.js and design-system libraries.
- Partner closely with Product Owners, designers, platform and security teams to turn requirements into production-ready solutions.
- Own production stability, troubleshooting customer-impacting issues across frontend and backend services.
- Led migration of core authentication and account flows to WSO2 API Gateway, and built a reusable deployment framework since adopted by other backend teams.
- Built GitHub Copilot agents/skills for code review, security hardening and test generation, cutting repetitive engineering work across the team.

Tech: React 19, TypeScript, Nx, Node.js, GraphQL, REST, AWS Lambda, S3, WSO2, Azure DevOps, Playwright, Vitest, Cypress, GitHub Copilot

Senior Frontend Developer · Mercell Aug 2024 – Nov 2024
Utrecht, Netherlands

- Partnered closely with designers and product teams to align technical solutions with user needs.
- Developed reusable UI components using Storybook, enhancing consistency across applications.
- Implemented automated testing and CI/CD workflows with GitHub Actions to maintain code integrity.

Tech: React, TypeScript, Redux, Nx, Micro Frontends, Module Federation, Storybook, GitHub Actions

Full Stack Engineer · Kadena

Jul 2023 – Jul 2024

Amsterdam, Netherlands

- Built and shipped a shared React component library adopted across multiple product teams, improving consistency and development velocity org-wide.
- Co-developed and launched Kadena's public documentation website for blockchain information.
- Built a CLI tool for direct blockchain interaction, and the Next.js APIs behind it.

Tech: Next.js, React, TypeScript, Vanilla Extract, Storybook, Commander, Node.js, Vitest, Zod, Turborepo, GitHub Actions

Senior Frontend Developer · SurveyMonkey

Oct 2018 – Jun 2023

Amsterdam, Netherlands · 4 yr 9 mo

- Led the JavaScript → TypeScript migration and the REST → GraphQL migration across the codebase — the two largest architectural shifts to the platform's frontend during this tenure.
- Designed the GraphQL schema (Apollo) and implemented micro-frontends with Webpack Module Federation, enabling modular, team-owned development.
- Mentored junior developers and facilitated onboarding of new team members throughout a 4+ year tenure, instilling coding standards and best practices.
- Worked closely with product owners, designers and the backend team to take features from ideation to completion, balancing user needs with technical feasibility.
- Elevated UI/UX standards and established distributed tracing with OpenTelemetry, improving reliability and cutting troubleshooting time.
- Designed and deployed AWS Lambda functions to automate backend processes.

Tech: React, TypeScript, GraphQL, Apollo, Redux, AWS (Lambda, S3), Jest, Cypress, Storybook, Material UI, Webpack Module Federation, Lerna, Nx, OpenTelemetry, Splunk, Sentry

EARLIER CAREER

Technical Lead · HCL Technologies

Amsterdam · Apr 2018 – Oct 2018

Held the Technical Lead title; architected and built a Jenkins- and Ansible-integrated job dashboard (React/Redux) with a Node/Express API layer, and set up the project's GitLab CI/CD pipelines from scratch.

UI Developer, Senior Consultant · ThoughtWorks

Chennai · Jan 2016 – Mar 2018

Built a configurable, feature-rich web app in AngularJS for a major EU/US retail brand; created reusable directives and services; followed TDD, pair programming and code review practices.

Senior UI Integrator · KRDS

Chennai · Mar 2014 – Dec 2015

Delivered 35+ campaign sites and Facebook applications for global brands including Porsche, LG, Air France, DBS and Club Med; nominated for CSS Design Awards; built hybrid mobile apps with Ionic.

Web Specialist · Rage Communications

Chennai · Jul 2013 – Feb 2014

Built cross-browser microsites for Jones Lang LaSalle (JLL Group) and responsive UI components for Citi Bank; developed SharePoint CMS pages and reusable jQuery plugins.

UI Developer · Actoolo IT Services

Chennai · Oct 2012 – Jul 2013

Built PHP/MySQL API services for native mobile apps and an end-to-end e-commerce food-ordering website; developed a hybrid Android app with PhoneGap and jQuery Mobile.

UI Developer, Freelance

Chennai · Aug 2010 – Aug 2012

Designed and built websites and landing pages; built a responsive web app with Backbone.js; converted PSD designs into responsive HTML for Joomla/WordPress sites.

EDUCATION

Bachelor of Engineering, Computer Science

Chennai, India · 2006 – 2010

S M K Fomra Institute of Technology (affiliated to Anna University)