

Kuldip Raj

Engineering Leader | React / TypeScript Expert | Frontend Architect | AWS Certified

 021 072 0800

 kuldipinfotech@gmail.com

SUMMARY

Senior engineering leader with 15+ years of experience delivering scalable, high-quality web applications. Proven track record in leading frontend teams, architecting modern React/TypeScript platforms, and integrating cloud-native and backend solutions using Node.js and .NET Core. Strong believer in hands-on leadership, continuous improvement, and creating inclusive engineering cultures. AWS Certified Solutions Architect.

HIGHLIGHTS

- 15+ years of end-to-end web development experience across startups, enterprise, and government sectors
- Deep expertise in React, TypeScript, Node.js, Redux, Next.js, and modern testing frameworks
- Led and mentored high-performing frontend and full-stack teams in complex, agile environments
- AWS Certified Associate Solution Architect
- Strong focus on accessibility, performance, and team growth

EXPERIENCE

JUNE 2024 - PRESENT AKQA, Auckland	SENIOR REACT DEVELOPER CLIENT: INLAND REVENUE • Developed and maintained accessible React/TypeScript components for a Inland Revenue Platform • Integrated Coveo headless search components to enhance user navigation and relevance • Refactored frontend architecture for performance, modularity, and WCAG compliance • Collaborated directly with Stack-holders, BAs and designers in a cross-functional agile team • Used TeamCity for CI and Octopus Deploy for automated CD pipelines
MAY 2023 - MARCH-2024 Contract	REACT/TYPESCRIPT SPECIALIST CLIENT: SUNCORP • Built enterprise-grade components using React, TypeScript, Redux Saga, and React Hook Form • Implemented user-centric testing with React Testing Library and Jest • Actively contributed to internal guilds and led frontend best practice sessions • Collaborated with product and QA teams to deliver high-confidence releases • Handling deploying process on different environments

DEC 2022 -
APRIL-2023

Tech Mahindra,
Auckland

TECH LEAD
CLIENT: VODAFONE

- Led a newly formed digital platform team and delivered two major product releases
 - Mentored team members in Flutter and full-stack practices
 - Coordinated across multiple teams and release cycles using Azure DevOps and Jenkins
 - Managed infrastructure using NGINX and Git-based deployments
 - Received client recognition for delivery excellence within first 4 months
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MARCH 2022 -
NOV 2022

Vacasa,
Auckland

SENIOR FULL STACK DEVELOPER

- Designed and developed a scalable React/TypeScript frontend using React Query and Context API
 - Implemented Node.js-based backend APIs for property management workflows
 - Deployed serverless services on AWS using S3, DynamoDB, and Lambda
 - Participated in architecture reviews and product roadmap discussions
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2018 - 2022

THLDigital,
Auckland

FRONT END LEAD

- Led a senior frontend team delivering a large-scale React/Next.js application backed by Node and MongoDB
 - Defined technical standards, reviewed code, and led guild sessions and internal workshops
 - Contributed to architectural decisions around performance, scalability, and accessibility
 - Set KPIs, helped with hiring, mentoring, and cross-functional team planning
 - Managed releases and deployments on AWS (S3, Lambda, CloudFront)
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2017 - 2018

Propellerhead,
Auckland

SENIOR FRONT END DEVELOPER

- Delivered React/Redux applications for clients like Orion Health
 - Practiced TDD/BDD development and REST API integration
 - Supported client-side troubleshooting and agile delivery while embedded at client locations
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2013 – 2016

SapientNitro,
Bangalore

FRONT END LEAD

- Led the Frontend stream as Track Lead across multiple large-scale digital transformation projects
 - Key clients included MD Anderson Cancer Center and Manipal Education
 - Responsible for end-to-end frontend delivery: requirement gathering, technical design, estimation, execution, and team communication
 - Mentored junior developers and collaborated with UX, backend, and QA teams for smooth delivery
 - Served as the primary point of contact for all frontend-related decisions
 - Recognized with the "You Make a Difference" and "Pat on the Back" awards for leadership and impact
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2006 - 2013

Early Career
Experience

HELD VARIOUS FRONTEND DEVELOPMENT ROLES AT LEADING SERVICE AND PRODUCT COMPANIES INCLUDING MINDTREE, BIOGENEX, AND LIVESTREAM.

- Contributed to UI development for enterprise and healthcare products using HTML, CSS, JavaScript, and jQuery
 - Built reusable components and helped integrate them into backend systems
 - Participated in Agile development, client communication, and delivery planning
 - Received Team Spot Award (x2) at MindTree for consistent delivery and collaboration
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AWARDS

- "Pat on the Back" Award for passion to excel and rise to create value.
- "You make a Difference" Award for outstanding work at Sapient.
- Two times won "Team Spot Award" at MindTree Ltd.

REFERENCES

Please feel free to contact any of the Managers in the organisations where I was employed.