

Ajay Thekkekanayath Sivaprasad

Bangalore, India

linkedin.com/in/ajay-sivaprasad-63555028

Email: ajoffel@gmail.com

Mobile: +91 9656214051

PROFESSIONAL SUMMARY

Frontend-focused Software Engineer with 7 years of experience building enterprise web applications at Dell Technologies and Nissan Digital India. Strong in React, TypeScript, JavaScript, Angular, micro-frontends, reusable frontend architecture, real-time integrations, and automated testing. Experienced in leading cross-functional frontend delivery and contributing selected Java REST, OpenAPI, and PostgreSQL-backed workflows.

SKILLS SUMMARY

- **Frontend:** React, TypeScript, JavaScript, Angular, HTML5, CSS3/SCSS, styled-components
- **Architecture & Integration:** Redux, Redux Toolkit, Micro-Frontends, Webpack 5 Module Federation, REST APIs, WebSockets
- **Backend & Data Exposure:** Java (REST APIs), OpenAPI/Swagger, PostgreSQL, SQL
- **Testing & Quality:** Cypress (E2E & Component), Jest, React Testing Library, Unit Testing, Regression Testing
- **Engineering Practices:** Git, Jenkins, CI/CD, npm, Agile/Scrum, Code Reviews, Pair Programming, AI-Assisted Development (Microsoft Copilot, Devin, Spec-Driven Development)
- **Cloud & Platform Exposure:** AWS (Lambda, API Gateway, S3), Docker, Kubernetes

EXPERIENCE

- **Dell Technologies** Bangalore, India
Oct 2022 – Aug 2026
Software Engineer 2
 - **Decommission Workflow Ownership:** Enabled users to safely decommission PowerFlex and PowerScale storage deployments through a guided multi-step workflow in **Dell APEX Navigator for Multicloud Storage**; owned frontend delivery and collaborated with Product, UX, and architects to implement pre-checks, infrastructure review, user acknowledgements, and decommission initiation.
 - **Identity & Access Management:** Built React/TypeScript Client Management workflows within **Dell Automation Platform (DAP)** to support reliable administration of IAM clients, including CRUD operations, validation, pagination, and role-aware actions, with zero confirmed UI defects across system testing and production.
 - **Alerts & WebSocket Integration:** Improved operational visibility through alert listing, filtering, detail views, and a WebSocket-driven notification indicator; adapted an established internal WebSocket implementation into the **DAP Common UI Library** for reuse across multiple micro-frontends.
 - **Frontend Quality & Test Automation:** Improved release confidence across DAP by leading frontend developers in expanding Cypress component and E2E coverage; established component-testing setups, maintained pre/post-merge regression suites, triaged nightly failures, and raised unit-test coverage to meet quality gates.
 - **AI-Assisted Engineering:** Leveraged Microsoft Copilot and Devin to accelerate debugging, solution design, code generation, and analysis across multiple DAP repositories; adopted Spec-Driven Development through a centralized specification repository to connect business and engineering requirements with design, planning, implementation, and automated testing.
- **Nissan Digital India** Trivandrum, India
Jul 2019 – Oct 2022
Software Engineer II
 - **Nissan Design System:** Led frontend technical direction for a framework-agnostic design-system foundation, defining CSS design tokens and theme layers and guiding delivery of 20+ reusable component patterns to standardize Nissan-branded interfaces; validated the approach with Angular and React demonstrations.
 - **Digital Maturity Assessment (DMA):** Led Angular/TypeScript frontend delivery across three production MVP releases of a role-based, multilingual assessment platform; built questionnaire, assessment, delegation, results, user-management, and reusable UI workflows integrated with REST APIs that provided insights to business and engineering teams.
 - **Test Management Toolbox (TMTB):** Led Angular/TypeScript frontend delivery for a vehicle crash-test lifecycle application used by Nissan North America; implemented selected end-to-end Angular and Java/AWS Lambda workflows for test requests, recommendation maintenance, and VTSL workbook comments backed by PostgreSQL and S3.
 - **Engineering Leadership & Enablement:** Mentored junior developers through code reviews and pair programming, shared knowledge through internal technical sessions, created a reusable TMTB OpenAPI generation and deployment runbook, and delivered 12 major production releases across DMA and TMTB within 2.5 years.

EDUCATION

- **Government Engineering College Thrissur – APJ Abdul Kalam Technological University**
Bachelor of Technology (Honours) – Computer Science and Engineering; CGPA: 8.5/10 2015 – 2019

CERTIFICATIONS & RECOGNITION

- **Registered Scrum Master (RSM) & Registered Product Owner (RPO)** – Scrum Inc., 2026
- **Dell Technologies – Inspire Delight Award; Nissan Digital India – Standing Ovation (2022) and High-Five Award (2021)**