Ajay Thekkekanayath Sivaprasad

Bangalore, India - Open to international relocation
linkedin.com/in/ajay-sivaprasad-63555028

Email: ajoffcl@gmail.com
Mobile: +91 9656214051
ajaysivaprasad.com

Professional Summary

Senior Frontend Software Engineer with 7+ years building enterprise products from scratch at Dell Technologies and Nissan Digital India. Specializes in React/TypeScript, micro-frontends, reusable UI architecture, and automated testing, with frontend ownership from requirements through production and AI-native development workflows.

Technical Skills

- **Frontend**: React, TypeScript, JavaScript, Redux/Redux Toolkit, Angular, HTML5, CSS3/SCSS, AG Grid
- **Architecture & Integration**: Micro-Frontends, Webpack 5 Module Federation, WebSockets, REST APIs, Backend-for-Frontend (BFF), Design Systems, Reusable Component Libraries, Responsive Design
- **Testing & Performance**: Cypress (End-to-End/E2E & Component), Jest, React Testing Library, Unit/Integration Testing, Chrome DevTools, Lighthouse, Performance Profiling
- **UI/UX Collaboration**: Figma, Adobe XD, Design-to-Code Implementation
- **Engineering Practices**: System Design & Architecture, Production Incident Triage, Root Cause Analysis (RCA), CI/CD, Agile/Scrum, Code Reviews; Responsible AI-Native Development, Agentic AI (Devin), Microsoft Copilot, Spec-Driven Development
- **Additional Experience**: Java, OpenAPI/Swagger, PostgreSQL, SQL, AWS (Lambda, API Gateway, S3, CloudWatch); Docker/Kubernetes exposure

Experience

- **Dell Technologies** — Bangalore, India
  Software Engineer 2 — *Oct 2022 – Aug 2026*
  - **Product Delivery**: Helped build **Dell APEX Navigator for Multicloud Storage** from scratch; owned React/TypeScript decommission workflows for Dell PowerFlex/PowerScale storage products. Partnered with Product, UX, and architects through REST/BFF integration and launch; delivered 7 production releases.
  - **Identity & Access Management**: Helped build **Dell Automation Platform (DAP)** from scratch; delivered IAM client-management workflows with validation, pagination, and role-aware actions; 0 valid UI defects reported for these workflows in system testing and production.
  - **WebSockets & Reusable UI**: Built real-time alerts and a reusable WebSocket integration in a shared UI library across DAP micro-frontends; contributed React components to shared libraries for DAP and APEX Navigator to support reuse across product interfaces.
  - **Testing Leadership & Release Quality**: Led Cypress component/E2E testing across DAP micro-frontends; raised Cypress code coverage from approximately 45% to 80%. Established test setups and pre/post-merge suites, triaged nightly failures, improved unit-test coverage for CI/CD gates, and delivered 8 production releases.
  - **Responsible AI-Native Engineering**: Used enterprise-authorized Devin and Microsoft Copilot for spec-driven development, debugging, design, code generation, test creation, and analysis; validated correctness and security through code review, automated testing, and coding standards.
  - **Production Support & Troubleshooting**: Triaged production UI incidents with backend, QA, and platform teams through RCA, hotfix validation, and recovery verification; used Chrome DevTools/Lighthouse for browser and API-driven UI troubleshooting.
- **Nissan Digital India** — Trivandrum, India
  Software Engineer II — *Jul 2019 – Oct 2022*
  - **Design System Architecture**: Led frontend architecture and majority implementation of a framework-agnostic design-system foundation from scratch; defined CSS tokens/theme layers and guided 20+ reusable component patterns, validated through Angular and React demonstrations.
  - **Enterprise Application Delivery**: Led Angular/TypeScript frontend delivery from scratch for multilingual assessment and vehicle crash-test lifecycle applications; built role-based dashboards and workflows, integrated REST APIs, and contributed selected Java/AWS Lambda work.
  - **Engineering Leadership**: Mentored developers through code reviews, pair programming, and technical sessions; authored an OpenAPI generation/deployment runbook. Delivered 12 major production releases 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

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