

VENKATESWARA ACHARI VADLA

Senior Frontend / Full Stack Developer

Vue.js 3 | Nuxt 3 | TypeScript | Enterprise UI Engineering

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PROFESSIONAL SUMMARY

Frontend-focused full stack developer with about eight years of experience building enterprise web applications. Currently develops Vue 3 and TypeScript interfaces for Kapture, the enterprise knowledge management platform delivered for SoftClouds, including its AI agent configuration screens. Works where the UI meets business logic: schema-driven forms, AutoSave and draft recovery, approval workflows, role-based access, and REST API integration, built on reusable components and deliberate state management. Earlier full stack delivery in PHP (Laravel, CodeIgniter), Node.js (NestJS, Express), Angular, and React spans fintech, mobility, e-commerce, and business applications. Security-conscious, performance-minded, and active in R&D on AI-enabled interfaces.

8 Years Enterprise web development, since Nov 2018	Vue 3 + TS Primary stack: Vue 3, TypeScript, Vite, Pinia	Kapture Enterprise knowledge platform for SoftClouds	Full Stack Laravel · CodeIgniter · Node.js · NestJS
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CORE TECHNICAL SKILLS

FRONTEND Vue 3 · Nuxt 3 · TypeScript · JavaScript (ES6+) · Vite · HTML5 · CSS3 · Angular · React	STATE MANAGEMENT Pinia · Vue reactivity & composables · Redux
BACKEND & APIS PHP · Laravel · CodeIgniter · Node.js · NestJS · Express · REST APIs	DATABASES MySQL · Redis · MongoDB (basic)
ENGINEERING PRACTICES Reusable components · API integration · Auth & route guards · Dynamic forms · Responsive design · PWA · Performance optimization · Git	ADDITIONAL EXPOSURE AI SDK integration · Rich-text editors · Real-time applications · Data visualization · Python (beginner)

PROFESSIONAL EXPERIENCE

Ctrl Alt Fix Solutions Pvt Ltd Full Stack Developer · Vue.js / Frontend Developer on Kapture	Nov 2018 – Present Hyderabad, India
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Kapture — Enterprise Knowledge Management Platform		FEATURED PROJECT
CLIENT SoftClouds ROLE Vue.js / Frontend Developer STACK Vue 3, TypeScript, JavaScript, Vite, Pinia, Rich-Text Editors, REST APIs <i>Kapture is used to author, review, publish, and search enterprise service and knowledge content. Contributions span the Authoring application, workflow and recommendation modules, version history, and cross-cutting UI security and performance.</i>		
■ Authoring application. Developed and enhanced article creation, editing, detail, review, and publishing interfaces in Vue 3 and TypeScript, composed from reusable components and covering metadata, locales, categories, tags, user groups, and user views. ■ Schema-driven document forms. Implemented Dynamic Document Type configuration for Service Information content: configurable fields, conditional visibility, validation rules, and UI state kept in sync across nested components and rich-text editors. ■ AutoSave and draft recovery. Engineered change detection across rich-text content, dynamic fields, nodes, categories, tags, user groups, and attachments, with debounced AutoSave, draft snapshots, and restoration after a page refresh or interrupted editing session. ■ Reactive state and lifecycle. Replaced broad deep watchers with targeted change tracking to cut expensive state comparisons, and resolved component lifecycle, remount, and form-restoration issues in long editing sessions.		

- **Workflow management UI.** Built workflow creation and editing with step configuration, dynamic conditions, and approval paths; implemented draft, review, publish, and reject screens with context-sensitive edit and delete actions, validation, and sequential API operations.
- **Recommendation management.** Developed recommendation create, edit, review, and detail screens linked to articles, with category and user-view mapping, status-specific actions, conditional routing, and return navigation preserved between articles and recommendations.
- **Article history and version comparison.** Implemented side-by-side version comparison with change visualization, article history, and version-specific actions supporting publish, unpublish, and restore workflows.
- **Enterprise UI security.** Applied role- and permission-based action visibility and editing restrictions, authentication and route guards, safe handling of navigation parameters, and API integration under Content Security Policy constraints to prevent unintended actions.
- **Performance and usability.** Investigated and optimized frontend performance, refined responsive enterprise layouts and rich-text and complex-form interactions, and debugged watcher, computed-state, and dynamic-rendering defects.
- **Delivery.** Analyzed requirements with product teams and worked alongside AI, API, UI/UX, and QA teams through planning, feature delivery, debugging, and issue resolution.

Service Connect / Kapture Agentic AI — AI-Powered Enterprise UI

AI PLATFORM

CLIENT SoftClouds **ROLE** Frontend Developer **STACK** Vue 3, TypeScript, Vue Flow, REST APIs, FastAPI agent services

Vue interfaces through which users create, configure, and run AI agents. The frontend turns agent configuration into validated API requests and presents results from backend agent orchestration services; orchestration runtimes and LLM services are owned by the backend and AI teams.

- **Agent configuration.** Developed agent creation and configuration interfaces with dynamic forms, validation, and configurable tool and service integrations.
- **Workflow and automation UI.** Contributed to the Vue Flow–based visual workflow builder and automation screens that connect user-designed flows to backend agent execution services.
- **API integration and feedback.** Integrated agent, workflow, and execution APIs with consistent loading, error, and empty states, and clear presentation of agent and API responses.
- **Navigation and access.** Implemented agent module routing, authentication-aware navigation, and secure API integration; built responsive dashboards from shared, reusable components.
- **Integration troubleshooting.** Diagnosed Content Security Policy restrictions, external AI service connections, and frontend–backend integration issues across environments.

PLUGINS & REUSABLE ENGINEERING

Dynamic Forms Engine

Configurable form generation with validation and submission workflows.

Article Version Comparison

Content comparison and change tracking for articles.

Language Translator Plugin

Node.js-based dynamic content translation.

Real-Time Chat

One-to-one, one-to-many, and group messaging.

Dashboards and Charts

Dashboard visualizations built on chart libraries.

Authentication Guards

Reusable role-based and route-based access protection.

Document Preview

In-app preview for Word, PDF, AutoCAD, and other formats.

Dynamic Widget Generation

Create and embed configurable widgets across applications.

Voice Integration

Voice-to-text and text-to-speech with multiple speaker voices.

Progressive Web Apps

Installable, desktop-like experiences on PWA architecture.

OTHER PROFESSIONAL PROJECTS

TRYP — ALLVY

PHP · Laravel · MySQL · REST APIs · DocuSign

- Designed Laravel APIs and business logic for driver registration, profiles, and document upload.
- Implemented document verification of driver identity and certifications.
- Integrated secure card-payment handling and DocuSign agreement workflows, with authentication and access control.

Merchant Application — IndusInd

Angular · PWA · Encrypted APIs

- Built merchant registration, account setup, and role-based user management.
- Implemented QR-based payment scanning in a mobile-friendly PWA.
- Secured financial data with encrypted payload handling and protected APIs.

Oracle CPQ Customization — Equinix

JavaScript · Google Maps API

- Customized Oracle CPQ UI components to streamline business workflows.
- Integrated Google Maps API to visualize data centers and infrastructure.
- Built dynamic components and plugins for map-based metadata presentation.

E-Commerce Platforms — RICHLABZ

Laravel · CodeIgniter · Angular · MySQL

- Delivered single-vendor and multi-vendor marketplace platforms.
- Built product, vendor, order, checkout, and payment gateway workflows.
- Optimized database queries and application performance.

Business Applications — LMS · Inventory · HR

PHP · Angular · JavaScript · MySQL

- LMS: course management, enrolment, progress tracking, and scheduled online exams.
- Inventory: materials, vendor bidding, payments, and cost reporting for construction projects.
- Leave management and internal admin apps with approval workflows and role-based dashboards.

R&D and Prototyping — Internal

AI SDKs · Nuxt 3 · PWA

- Built proofs of concept exploring AI SDK integrations.
- Prototyped desktop-like applications with Nuxt 3 and PWA capabilities.
- Explored mobile-capable web features for enterprise use cases.

CERTIFICATIONS

Vue.js Certification
W3Schools

AI and Online Course Certifications
Udemy · be10x