

Venkata Kartheek Pagolu

pvpvkartheek99@gmail.com | 9014880818 | <https://www.linkedin.com/in/venkata-kartheek-pagolu>

TECHNICAL SKILLS

Front-end Development: React JS, JavaScript, TypeScript, Stencil JS, HTML5, CSS3, Tailwind

Backend Development: Node JS, Express JS, Mongoose

State Management: Redux Toolkit

Build Tools: Vite, Parcel, webpack

Version Control: Git, Bitbucket

API Integration: Axios

Tools: VS Code

Testing Frameworks: Playwright, Jest, Postman

EXPERIENCE

ADP PRIVATE LIMITED

Senior Member Technical

May 2022 – Present

Hyderabad, Telangana

FUND TRANSFER APPROVAL APPLICATION

- Led UI architecture for a secure Fund Transfer Approval System used by 1,000+ enterprise users with strict role-based access.
- Integrated **MSAL.js** with **Azure SSO** for seamless authentication and session management across different roles.
- Reduced page load time by 40% through **lazy loading**, **memoization**, and Redux performance enhancements.
- Used **Axios interceptors** for token refresh and error handling.
- Wrote E2E tests using **Playwright**, reducing manual QA effort and catching regressions early.
- Developed WCAG-compliant, responsive UI with dark mode support using **Tailwind CSS**.
- Worked closely with PMs and designers in Agile sprints; participated in planning, grooming, and retrospectives.

SMART COLLECT – GEN AI

- Built a conversational AI interface for finance teams to fetch invoices, payment statuses, and dues using Gen AI
- Developed reusable **micro frontends** that integrated into multiple ADP systems.
- Handled **caching**, fallback logic, and secure data access using token-based APIs with error logging.

LEGACY CODEBASE MIGRATION

- Migrated legacy **Node.js + React** monolith into modular architecture with improved code quality and performance.
- Refactored 40+ components using atomic design, introduced **TypeScript**, and enforced code standards with ESLint
- Reduced JS bundle size by 35% and improved test coverage via **Playwright**.

INNOFLEX - (ADP PRIVATE LIMITED)

Consultant – C

Nov 2021 – May 2022

Hyderabad, Telangana

COLLECTION DASHBOARDS

- Designed and implemented financial dashboards using **React** for real-time tracking of collections and outstanding payments.
- Developed components for dynamic filtering, sorting, pagination, and CSV/PDF export.
- Integrated REST APIs handled loading/error states, and ensured accessibility standards.
- Managed global dashboard state using **Redux Toolkit** and worked closely with QA, Design, and Product teams.

PERSONAL PROJECTS

DEV-TINDER APPLICATION (Full-Stack Project)

- Built a Tinder-like developer networking platform using **React.js**, **Node.js**, **Express.js**, and **MongoDB** with **Mongoose** for schema modeling and data validation.
- Designed a secure authentication system with **JWT**-based access control.
- Managed global state with **Redux Toolkit**, handling real-time updates, and user data efficiently

PORTFOLIO APPLICATION - <https://karthik9014.github.io/portfolio-website/>

- Developed a responsive personal portfolio website using **react** to showcase projects and achievements
- Ensured mobile-first design and SEO best practices

KEY ACHIEVEMENTS

- **Gold Shining Star Award Winner** - Recognized for outstanding contributions in Smart Collect and Fund Transfer Approval Application.

EDUCATION

Bachelor of Technology

DMSSVH College of Engineering & Technology - Mechanical Engineering

6/2017 – 9/2020

Machilipatnam

CERTIFICATIONS

- **React** (NamasteDev.com)
- **JavaScript** (NamasteDev.com)
- **NodeJS** (NamasteDev.com)