

# GIRISH CHAVIDI

Full Stack Developer | React.js | JavaScript | TypeScript | Node.js | REST APIs | Nginx | Cloudflare

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## PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with certified hands-on experience building and deploying production-grade React.js web applications. Delivered **2 certified live production projects** for a real education organization: **G MART** (e-commerce platform, Netlify, 2025) and a **QR-based Student Verification System** (Nginx + Cloudflare + JWT authentication, 2026). Proficient in JavaScript ES6+, TypeScript, React.js, Node.js, MongoDB, Context API, REST APIs, Axios, Jest unit testing, CI/CD pipelines, and Agile/Scrum methodology. Seeking an entry-level Software Developer or Full Stack Developer role to contribute from day one and grow rapidly.

## TECHNICAL SKILLS

Languages	JavaScript (ES6+), TypeScript (basic), Python, HTML5, CSS3
Frontend	React.js, Vite, JSX, Responsive Design, Tailwind CSS, Bootstrap
State Mgmt	Context API, useState, useReducer, useCallback, useMemo, React.memo
Routing & Auth	React Router v6, Protected Routes, Dynamic Routing, JWT Authentication
Backend / DB	Node.js (fundamentals), Express.js (basic), MongoDB (basic), REST API design
API & HTTP	Axios, Fetch API, REST APIs, HTTP Methods, Status Codes, CORS handling
Testing	Jest (unit testing), React Testing Library, manual cross-browser QA
Deployment	Nginx (SPA routing, reverse proxy), Cloudflare (CDN, SSL, DNS), Netlify
Dev Tools	Git, GitHub, VS Code, Chrome DevTools, Postman, Linux CLI
Practices	Agile/Scrum, CI/CD, GitHub Actions, Code Splitting, Lazy Loading, XSS Prevention

## PROJECTS

### QR-Based Student Verification System

2026

React.js | REST APIs | Nginx | Cloudflare | JWT

[Certified Project — AI Workforce Experience Centre (Education Organization)]

GitHub: [github.com/GirishChavidi/AI-Workforce-Students-QR](https://github.com/GirishChavidi/AI-Workforce-Students-QR)

- Designed and deployed a **certified production QR-based student identity verification system** for a real education organization — serving 100+ students with zero unauthorised access post-deployment.
- Implemented **JWT token-based authentication** with protected routes and dynamic URL handling, ensuring only authorised staff can access student records.
- Integrated REST APIs with Axios with complete error handling for 401, 403, 400, and 500 HTTP status codes, including graceful UI error states for invalid or expired QR tokens.
- Configured **Nginx SPA routing** (try\_files fallback) eliminating 404-on-refresh; Cloudflare provides DDoS protection, SSL termination, and global CDN caching for institutional reliability.

### G MART — Full Stack E-Commerce Web Application

2025

React.js | Node.js | MongoDB | Context API | Netlify

[Certified Project — AI Workforce Experience Centre (Education Organization)]

Live Demo: [g-martapp.netlify.app](https://g-martapp.netlify.app) | GitHub: [github.com/GirishChavidi](https://github.com/GirishChavidi)

- Developed a **certified full-featured e-commerce platform** for an education organization — product listing, category + price filtering, cart management, and checkout — **live on Netlify**.
- Architected global state management using **Context API** for cart and authentication, eliminating prop drilling across 5+ component levels; improved maintainability by 40%.
- Built dynamic product filtering using **useMemo optimisation** — filters 100+ products by category and price with zero UI lag; implemented debouncing on search inputs.
- Integrated **MongoDB** for product data and **Node.js/Express** API for data fetching — full stack architecture with Axios and three-state (loading/error/data) pattern.

## EXPERIENCE

## Frontend Developer Intern

Sep 2025 – Present

### AI Workforce Experience Centre | Hyderabad, India

Certified Training Program | Education Organization

- Delivered 2 certified production projects end-to-end for a real education organization — from React.js architecture to Nginx + Cloudflare deployment — following **Agile sprint methodology** with weekly demos.
- Built the QR-based Student Verification System (2026) — implemented JWT-secured API flows, protected routes, and real-time REST API integration with systematic debugging and problem-solving.
- Developed G MART e-commerce platform (2025) — full stack React.js + Node.js + MongoDB application deployed live on Netlify with GitHub Actions CI/CD pipeline.

## EDUCATION

### B.Tech — Electronics & Communication Engineering

2019 – 2023

Sir C.V. Raman Institute of Science & Technologies, Tadipatri (JNTU Anantapur) **69.03%**

### Intermediate (MPC)

2017 – 2019

Sir C.V. Raman Junior College, Anantapur **CGPA: 8.0**

### SSC — 10th Grade

2016 – 2017

Sri P.V.R Z.P.H.S, Gunduvaaripalli **CGPA: 9.0**

## ACHIEVEMENTS & CERTIFICATIONS

- Awarded **National Means-cum-Merit Scholarship (NMMS)** by Government of India for academic excellence.
- Certified by AI Workforce Experience Centre (Education Organization) — completed 2 certified production-level React.js projects: G MART (2025) and QR Verification System (2026).
- Selected for **School Science Fair Exhibition** for outstanding project execution and technical presentation skills.