

PAVAN KALYAN KAYARKAR

Full Stack Developer (MERN)

Kagaznagar, Telangana | +91-7659989336 |

KAYARKARPAVANKALYANOFFICIAL@protonmail.com | www.linkedin.com/in/pavankalyan-dev | <https://github.com/kayarkar007> | <https://pavan-kalyan-portfolio-eta.vercel.app>

PROFESSIONAL SUMMARY

Results-oriented **Full Stack Developer** with a Bachelor's degree and 4 years of operational leadership experience. Proficient in building scalable, responsive web applications using the **MERN stack**, with deep expertise in **RESTful API integration, State Management (Redux/Context API),** and **Database Optimization**. Adept at **Agile/SDLC methodologies, Unit Testing,** and **CI/CD pipelines**. Proven track record of bridging operational logic with technical solutions to drive efficiency and performance.

TECHNICAL SKILLS

- Languages & Databases:** JavaScript (ES6+), TypeScript, HTML5, CSS3, Node.js, Express.js, MongoDB, Mongoose, SQL Basics.
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- Tools & Platforms:** Git, GitHub, Docker, Postman, Vercel, Netlify, Render, VS Code.
- Core Competencies:** REST API Development, User Authentication (JWT/OAuth), Frontend Optimization, System Automation, Debugging, Agile Methodology.

PROFESSIONAL EXPERIENCE

Event & Operations Manager | KK Events | Kagaznagar, Telangana | Sep 2021 – Sep 2025

- Process Automation & Systemization:** Established automated booking workflows using spreadsheets and process automation principles, reducing manual oversight by 80% and enabling remote management capabilities.
- Lifecycle Management:** Led end-to-end event operations ensuring strict adherence to timelines, budgets, and resource allocation, demonstrating strong project management skills parallel to SDLC.
- Stakeholder Management:** Coordinated multiple vendors and resources to execute complex schedules, serving as the primary point of contact for client negotiations.

Plant Operations Supervisor | KK Water Plant | Kagaznagar, Telangana Sep 2021 – Sep 2025

- Process Optimization:** Oversee daily production workflows, supply chain coordination, and quality control to ensure compliance with safety standards.

- **Resource Management:** Manage inventory levels and vendor relationships to maintain uninterrupted production cycles.
- **Operational Automation:** Implemented standardized operating procedures (SOPs) and delegation protocols, allowing the plant to operate autonomously while focusing on technical upskilling.

TECHNICAL PROJECTS

Job Application Tracker | React, Node.js, Express, MongoDB, JWT, Chart.js, REST APIs.

- **Architected** a comprehensive job application management tool, enabling users to efficiently track and organize application statuses.
- **Implemented** secure user authentication using JWT and Bcrypt to protect sensitive user data.
- **Integrated** Chart.js to visualize application statistics, providing users with actionable insights into their job search progress.
- **GitHub:** https://github.com/kayarkar007/Job_Application_Tracker.git
- **Live:** <https://job-application-tracker-murex-three.vercel.app>

Task Manager Web Application | React.js, Node.js, Express.js, MongoDB, Tailwind CSS.

- **Developed** a full-stack productivity application featuring dynamic CRUD operations for seamless task management.
- **Engineered** a real-time notification system to enhance user engagement and ensure timely task tracking.
- **Designed** a responsive UI with Tailwind CSS, ensuring a consistent user experience across devices.

Personal Portfolio Website | React.js, Framer-Motion, Tailwind CSS.

- **Designed** and **deployed** an SEO-optimized personal portfolio, achieving high performance and accessibility scores.
- **Integrated** a dynamic blog section and interactive project displays to effectively showcase technical expertise.
- **Deployed** on Vercel to ensure high availability and fast load times.
- **GitHub:** https://github.com/kayarkar007/PavanKalyan_Portfolio.git
- **Live:** <https://pavan-kalyan-portfolio-eta.vercel.app>

Online Exam Portal | React, Node.js, MongoDB, Express, RBAC, CI/CD, DevOps Basics.

- **Built** a robust exam administration platform featuring role-based access control (RBAC) and automated grading systems.
- **Established** automated CI/CD pipelines to streamline deployment and ensure code stability during frequent updates.
- **Implemented** secure data handling protocols to maintain the integrity of exam records and user information.

Fast Cart E-Commerce Website | MERN Stack, Redux (State Management), Payment Integration concepts, API Optimization.

- **Created** a responsive e-commerce platform with a dedicated admin dashboard for efficient product and inventory management.
- **Integrated** a secure payment gateway and optimized database interactions for fast product filtering and retrieval.

Real-time Chat App | MERN Stack, Socket.io, WebSocket, Tailwind CSS, Real-time Data Handling.

- **Engineered** a real-time messaging application using WebSocket's to support instant, bidirectional communication.
- **Implemented** enhanced user experience features, including live typing indicators and real-time message delivery updates.
- **GitHub:** <https://github.com/kayarkar007/AdvanceChatAppFrontend.git>
- **Live:** <https://advancechatappfrontend.netlify.app>

Advanced Project Management Application | MERN Stack

- **Delivered** a production-ready project management tool facilitating real-time team collaboration and task updates.
- **Utilized** advanced state management to ensure data consistency across multiple concurrent user sessions.
- **GitHub:** <https://github.com/kayarkar007/ProjectManagementApp.git>
- **Live:** <https://projectmanagement-app-indol.vercel.app>

MERN Expense Tracker | React, Node.js, Express, MongoDB

- **Developed** a secure financial tracking application with data visualization features to help users analyse spending habits.
- **Secured** user financial data through robust authentication and encryption protocols.
- **GitHub:** <https://github.com/kayarkar007/ExpenceTrackerApp.git>
- **Live:** <https://expence-tracker-apptawny.vercel.app>

Netflix Clone | React, TMDB API, Axios, CSS Grid/Flexbox, Responsive Design.

- **Constructed** a dynamic streaming interface clone featuring advanced movie filtering and trailer playback via the TMDB API.
- **Focused** on high-fidelity UI/UX design to replicate the core browsing experience of a major streaming service.
- **GitHub:** <https://github.com/kayarkar007/NetflixCloneApp.git>
- **Live:** <https://netflix-clone-app-gnhc.vercel.app>

EDUCATION

Bachelor of Technology, Computer Science & Engineering

Jawaharlal Nehru Technological University Hyderabad | 2020 | 6.4 CGPA

Senior Secondary - MPC

Narayana Junior College | 2016 | 89.7%

CERTIFICATIONS

Full Stack & Web Development

- **Full Stack Web Development with MERN Stack & GenAI** – Udemy (2025)
- **Web Development with MERN Stack** – TuteDude (2025)
- **HackerRank Skills:** Software Engineer Intern, React (Basic), Node.js (Intermediate), Rest API (Intermediate), JavaScript (Intermediate).

Data Analytics & Professional Skills

- **Data Analytics Job Simulation** – Deloitte Australia (Forage) (2025)
- **Problem Solving (Intermediate)** – HackerRank (2025)

AVAILABILITY

Ready for immediate joining; flexible with remote and night shifts.