

**TEK013633** (MERN stack - 4 + Year)

MCA - Computer Science

## Highlights

---

- I am a motivated software developer with proficiency in NodeJs, React JS, and various database technologies.
- My objective is to leverage my skills in coding and application development to contribute to innovative projects in a professional setting.
- I take pride in my achievements in web development, particularly in managing vaccination information systems.
- I am a dedicated team player, eager to continue growing in the tech industry.

## Skills

### Primary Skills

- Express.js
- MongoDB
- Node.js
- React.js

### Secondary Skills

- JavaScript

### Other Skills

- Git
- CPanel
- GraphQL
- HTML
- JIRA
- Jira Software
- MS visual studio
- MySQL
- Nest.js
- Swagger
- Visual Studio

## Projects

### Project 1- HRM - IT Industry (12 months)

- Developed a comprehensive HRM system to manage employee records, payroll, leave policies, and attendance tracking.
- The system includes role-based access control for Admins, HR, Clients, Contractors, and Employees, ensuring secure and efficient HR operations.
- Designed and implemented **employee management** features, including attendance tracking and leave applications.
- Developed a **payroll module** with earnings, deductions, LWP (Leave Without Pay), and salary calculations.
- Built a **role-based access system**, restricting menus and actions based on user types.
- Integrated **holiday and leave policies**, dynamically handling leave types (CL, PL, SL, etc.).
- **Technology:** Node.js, Express.js, React.js, Formik, MongoDB

## Project 2- TestiGo – X-ray & Test Management System - IT Industry (12 months)

- Developed a healthcare management system to streamline the creation, processing, and secure storage of **X-ray reports** and **test records**.
- Designed for healthcare providers, TestiGo enhances diagnostic workflows with a user-friendly interface for managing patient reports and test results.
- Developed **RESTful APIs** using **Node.js** and **Express.js** for managing patient reports and test records.
- Designed and developed the **React.js frontend**, ensuring a seamless user experience
- Integrated **role-based access control (RBAC)** for different user types (admin, radiologists, technicians)
- Enabled **report generation and data visualization** for patient test records.
- Ensured **data security and compliance** with healthcare standards.
- Technology: Node.js, Express.js, React.js, MySQL, JWT Authentication

## Project 3- Youuup – Content Video Streaming Platform - IT Industry (8 months)

- Developed a dynamic video streaming platform catering to both **content creators** and **entertainment enthusiasts**.
- Youuup offers diverse content across multiple genres, providing a seamless and engaging user experience for discovering and sharing videos.
- Developed **RESTful APIs** using **Node.js** and **Express.js** for video uploads, streaming, and user interactions.
- Integrated **role-based access** and authentication for secure content management.
- Built a **high-performance video storage and streaming system** optimized for smooth playback.
- Implemented **like, comment, and share features** to enhance user engagement.
- Technology: Node.js, Express.js, React.js, MySQL, JWT Authentication

## Project 4- MatriX-iPass - IT Industry (6 months)

- MatriX-iPass is a vaccination and test report management system that provides features to manage vaccination and test reports.
- Developed a vaccination and test report management system.
- Implemented features for vaccine scheduling and QR generation.

## Project 5- MatriX-iPass Androd and iOS API - IT Industry (6 months)

- API services for MatriX-iPass application aimed at iOS and Android users.
- Created APIs for vaccination and test report management on iOS and Android platforms using Nest JS
- Focused on client-specific requirements and integration with existing systems

## Project 6- Customer Portal Web - IT Industry (4 months)

- A customer portal for managing car wash services.
- Designed and developed a customer portal for car wash management
- Enhanced user experience and service efficiency