





Celciya Effrin A

FULL STACK DEVELOPER


 celciya-effrin.github.io/Celciya_Portfolio


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ABOUT ME - FULL STACK DEVELOPER

Full Stack Developer with one year of hands-on experience delivering end-to-end solutions across both frontend and backend technologies. Recognized for a creative approach, strong problem-solving skills, and a commitment to high-quality, scalable web applications. Proven ability to collaborate effectively within cross-functional teams and take initiative in leadership roles. Dedicated to continuous learning and professional growth.

TECHNICAL SKILLS

- **Full Stack Web Developer** - (HTML5, CSS, Bootstrap, JavaScript, PHP, MySQL)
- **MERN Stack Developer** - (React.js, Node.js, Express.js, MongoDB)
- **Frontend Development** - HTML5, CSS3, Bootstrap, JavaScript, React.js, Tailwind, Material UI
- **Backend Development** - Node.js, Express.js, PHP, Java
- **Database Management** - MySQL, MongoDB
- **Mobile Development** - Basic Android Studio (Java), Basic Firebase Integration
- **Programming Languages** - Java, Basic Python
- **Design & Productivity Tools** - Canva, Microsoft Excel
- **Version Control & Deployment Tools** - Git, GitHub, Render, Vercel, InfinityFree

PROFESSIONAL EXPERIENCE

Full Stack Developer

March 2024 - May 2025

Life Changers Ind

- Championed collaboration within cross-functional teams to deliver user-centric solutions, leading to a 30% decrease in reported user interface bugs and improving overall user satisfaction by 25%.
- Engineered and sustained scalable web applications using React.js, Node.js, Express.js, MongoDB, and MySQL, enhancing application performance scores by 15% and reducing server response time by 200ms across three projects.

Full Stack Developer (Intern)

December 2022 - March 2024

Life Changers Ind

- Created a web application modules using HTML5, CSS, and JavaScript, delivering a 20% enhancement in page load speeds and a 15% improvement in user engagement metrics during the internship.
- Constructed backend APIs with PHP and MySQL, processing with a 99.99% data accuracy, contributing to a 10% reduction in data-related customer support tickets.

Android App Developer (Intern)

April 2022

UNIQ Technologies

- Completed a one-month internship focused on Android application development. Gained practical experience using Android Studio, Java, and Firebase.
- Successfully build a functional mobile application UI design, backend integration, and real-time database.

EDUCATION

Francis Xavier Engineering College 2020-2024

Computer Science and Engineering
CGPA - 8.68

Daniel Thomas Matric School

2005-2018

HSC - 82%


Daniel Thomas Matric School

2018-2020

SSLC - 78%

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PROJECT EXPERIENCE

Stock Management System (CRUD) - MERN Stack Web Development


Technologies Used : React.js, Node.js, Express.js, MongoDB

 <https://billing-project2-mern1.onrender.com/>

- A Stock Management System with CRUD operations using HTML5, CSS, Bootstrap, JavaScript, PHP, and MySQL, enabling real-time inventory tracking and management.
- Built responsive UI components and robust backend logic, resulting in a 40% improvement in stock update efficiency and reducing manual stockkeeping errors by 25%.

Inventory Billing Management System (CRUD) - Full Stack Web Developer


Technologies Used : HTML5, CSS, Bootstrap, JavaScript, PHP, MySQL

 <http://inventory-2609project.ct.ws/>

- Designed and implemented a Billing Management System using the stack (HTML5, CSS, Bootstrap, JavaScript, PHP, MySQL), streamlining billing operations through full CRUD functionality.
- Integrated dynamic QR code generation for each invoice, enabling secure data encoding and reducing manual entry errors by 30%, while improving billing accuracy and verification efficiency.

Location Tracker System - MERN Stack Development


Technologies Used : React.js, Node.js, Express.js, MongoDB

 <https://mern-location-tracker-ten.vercel.app/>

- Developed a real-time Location Tracker System using the MERN stack (MongoDB, Express.js, React.js, Node.js), designed for efficient driver or field personnel tracking.
- Utilized Leaflet.js for live map rendering and MongoDB for storing geolocation history, with robust backend APIs, resulting in a 60% real-time location monitoring accuracy and a 35% reduction in manual tracking.

Appointment Scheduler System (CRUD) - MERN Stack Developer

Technologies Used : React.js, Node.js, Express.js, MongoDB

 <https://mern-appointment-scheduler.vercel.app/>

- Integrated an admin panel for scheduling appointments, which automatically triggers email notifications to registered users with appointment details using NodeMailer.
- Delivered a seamless user experience with real-time updates and automated communication, improving administrative efficiency by 50% and reducing missed appointments by 30%.

Tourism Management App - Build using Android studio

Technologies Used : Android Studio (Java), Firebase

 celciya-effrin.github.io/Celciya_Portfolio/portfolio-details5.html

- A mobile application for managing tourism-related services using Android Studio with Java.
- Integrated Firebase for real-time database management, user authentication, and data synchronization across the app.