

PAVITHRA SADHAN

Full Stack Developer | MERN Stack

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Linkedin

EDUCATION

Annamalai University

Master of Science in Computer Science

CGPA: 7.8

India

Jul 2021 - Jun 2023

Sadhakathullah Appa College

Bachelor of Science in Computer Science

CGPA: 8.95

India

Jun 2015 - Jul 2018

EXPERIENCE

Kuntec Online Services Pvt. Ltd. | Full Stack Developer

Remote | Dec 2023 - Present

Designed and developed scalable web applications using React.js, Node.js, and MongoDB, reducing query response time by 30%.

Optimized RESTful APIs to enhance data exchange efficiency between front-end and backend systems.

Implemented a scalable database structure, improving system performance and user experience.

Accenture. | Software developer (Fresher)

India | Sept 2019 - Jan 2020

Collaborated with senior developers to debug and enhance web applications, improving performance by 20%.

Gained hands-on experience with modern development tools and technologies, contributing to scalable software solutions.

SKILLS

Programming Languages: HTML, CSS

Libraries/Frameworks: Javascript, React, Node.Js, Express.Js

Tools / Platforms: VS code, Post man

Databases: MongoDB

PROJECTS / OPEN-SOURCE

Learning Management System (LMS) - SaaS-Based eLearning Platform

Developed a full-fledged LMS enabling users to enroll in courses, track progress, and take quizzes.

Integrated video streaming, assignment submission, and certificate generation features.

Implemented an admin panel for course creation, user management, and revenue analytics.

Real Estate Management Platform (MERN Stack)

Built a comprehensive platform for real estate management with features like user authentication, property management, and secure ownership transfers.

Created RESTful APIs for CRUD operations on properties and implemented real-time updates for user roles (Owner, Agent, Buyer).

Taxi Booking Service Ride-Sharing Web App

Developed a real-time ride-booking platform with driver and passenger management.

Integrated Google Maps API for navigation, real-time tracking, and fare estimation.

Designed an automated ride-matching algorithm and wallet-based payment system.

Online Shopping Portal

Created a multi-vendor e-commerce website with real-time product listings, order tracking, and payment integration.

Implemented dynamic search filters, AI-based product recommendations, and an admin analytics dashboard.

Crime Report Management System

Developed a web-based platform for crime reporting and case management.

Enabled users to securely report crimes, track case progress, and receive real-time updates.

CERTIFICATIONS

- Full Stack Developer (MERN Stack) - Edoxi.