

Kaviya

Full Stack Developer

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OBJECTIVE

Seeking a Full Stack Developer role where I can use the skills I gained in MERN development to build practical applications. I want to learn from real-world challenges, improve my coding skills, and develop into a reliable and confident software developer.

EDUCATION

2021 – 2023 Guindy, Chennai	M.Tech Information Technology Anna University CEG
2017 – 2021 Arasur, Villupuram	B.E Computer Science and Engineering VRS College of Engineering and Technology

SKILLS

Frontend — HTML | | CSS | | JavaScript | | React.js

Backend — Node.js | | Express.js

Database — MongoDB (Compass, Atlas)

Tools/Platforms — Postman | | GitHub

Programming Languages — Python | | Java | | C

PROJECTS

Health & Wellness App - MERN Stack

Description

Developed a full-stack Health & Wellness platform enabling users to track fitness activities, monitor daily health habits, and maintain personalized wellness records. Implemented secure authentication, CRUD operations across all health modules, and a fully responsive user interface.

Tech Used: MongoDB, Express.js, React.js, Node.js, JWT Authentication, Tailwind CSS, Axios, Postman, GitHub, MongoDB Atlas

Key Features:

- Secure login/signup with JWT and protected routes
- Add, update, and delete daily wellness logs (Food, Workouts, Mental Health)
- Goal management system with automatic and manual goal completion
- Reminder system for workouts, food logs, goals, and mood tracking
- Personalized user dashboard showing calories, workouts, mood trends, and goal progress
- Responsive and clean UI using Tailwind CSS
- REST APIs designed and tested thoroughly with Postman
- Persistent, user-specific health data stored in MongoDB Atlas

Expense Tracker Dashboard (MERN Stack)

Description

Built a full-stack Expense Tracker that allows users to manage daily expenses, categorize spending, and view monthly financial summaries. Includes authentication, CRUD operations, and a data-driven analytics dashboard.

Tech Used: MongoDB, Express.js, React.js, Node.js, JWT Auth, Chart.js, Tailwind CSS

Key Features:

- Secure login/signup with JWT
- Add, edit, delete, and search expenses
- Category-based spending breakdown
- Monthly/weekly spending analytics
- Visual charts for financial insights
- Persistent user-specific data storage

Mental Health Journal + Mood Analyzer (MERN Stack)

Description

Developed a full-stack Mental Health Journal platform where users can log daily entries, track emotional patterns, and analyze mood trends over time. Implemented secure authentication, dynamic charts, and smart mood predictions to help users understand their mental wellbeing.

Tech Used: MongoDB, Express.js, React.js, Node.js, JWT Auth, Chart.js, Tailwind CSS

Key Features:

- User authentication (JWT) with protected routes
- Daily journal entry creation, editing, and deletion
- Mood selector + sentiment analysis for journal text
- Mood trend visualization using dynamic charts
- Filters by date, mood type, and keywords
- Responsive UI with smooth user flows

Academic project:

An IoT-Fog Integrated Heart Disease Diagnosis Using Ensemble Deep Learning (2023)

- Developed an IoT-based fog-enabled system for heart disease diagnosis using ensemble deep learning.
- Integrated data flow across Edge, Fog, and Cloud layers, deployed on the FogBus framework, and tested using real-time sensor data.
- Configured cloud deployment through Azure VNET with a virtual machine setup.

Tech Stack: Python, PHP, Azure

CERTIFICATES

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|---|--|---|
| • FULL STACK DEVELOPMENT WITH AI TOOLS (MERN)
Certification - GUVI | • JS Basics
• ReactJS
• Python as a Beginner | • HTML, CSS, Tailwind CSS
• Database |
| • Advanced JS | | |
| • Node.js | | |

INPLANT TRAINING

2021
Villupuram

Machine Learning with Python
at Thirsty Crowz

2021
Villupuram

Data Analysis using Tableau
at MuHaBa Research Lab

2019
Coimbatore

Smartphone Service Training Workshop
at New Technology Mobile Service Institute

Cuddalore

Project Development Tools
at JDNET Technologies