Ramchi

MERN Stack Developer

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PROFILE

I'm an aspiring MERN-stack web developer with a solid foundation . Currently, I'm focused on developing web applications using the MERN stack—MongoDB, Express.js, React.js, and Node.js—gaining hands-on experience in both frontend and backend development. I also have a background in AI and machine learning, and I'm familiar with programming languages like Python, javascript and Java. I'm passionate about learning, problem-solving, and building efficient, user-friendly web solutions. Known for being adaptable and curious, I'm always looking to grow as a developer and contribute to impactful projects.

EDUCATION

VELAVAN MATRICULATION HR SEC S CHOOL

SSLC [2019 – 2020]

Tiruppur

Percentage : 67.2

VELAVAN MATRICULATION HR SEC S CHOOL

HSC [2021 – 2022]

Tiruppur

Percentage : 74.6

KATHIR COLLEG E OF ENGINEERING

B.TECH - ARTIFICIAL INTELLIGENCE AND DATA SCIENCE [2022 – 2026]

Coimbatore

3rd year (5th Semester)

CGPA : 7.71

PROJECTS

SENTIMENTAL ANALYSIS ON TWEETS | CLASS MINI PROJECT

- Implemented a sentiment analysis system to classify tweets as positive, negative, or neutral using the Naive Bayes algorithm.
- Analyzed user comments to extract sentiment patterns and provided real-time feedback on public opinion trends

DRUGS EFFICACY | DECODE X

- Developed a system to compare the efficacy of two asthma drugs using one-year treatment data.
- Utilized the Random Forest algorithm to analyze treatment outcomes and identify the drug with better effectiveness based on patient response and performance metrics.

PWA APPLICAT ION | GLOBAL KIDS SCHOOL

- Developed a Progressive Web Application (PWA) for Global Kids School to manage fees, results, notices, homework, and classwork with a mobile-friendly interface for students, parents, and teachers.
- Integrated secure login and real-time updates, using React.js, Node.js, MongoDB, and deployed the platform on Vercel.

ADMIN - FOCUSED E-COMMERCE PLATFORM (MERN STACK) | AMYPO

- Developed an admin dashboard for an e-commerce platform using MERN stack at Amypo, enabling product creation, update, deletion, and purchase with cart management. Focused on building scalable CRUD operations and efficient user interaction for seamless product handling.

ONLINE SHOPPING CART | SMART YUGAM

- This project outlines the development of an online shopping cart system that allows users to browse products, add items to their cart, and proceed to checkout. It aims to provide a user-friendly interface and smooth navigation for the shopping experience.
- Features and Functionalities: Key features include product listing and categorization, cart management, order review, and secure payment options. It focuses on ensuring a seamless and efficient shopping process for users.

SKILLS
- MERN stack
- Python
- Java
- AI/ML/DL
- Fast learner with the ability to quickly adapt to new technologies and concepts.
- Effective team player with strong collaboration and communication skills.
- Strong problem-solving abilities with a keen eye for analyzing issues.
- Capable of making sound, data-driven decisions in dynamic situations.

COURSES & CERTIFICATIONS
- Data science and analytics - HP Life
- Java - Smart Yugam Education
- Excel regression analysis - Great Lreaning
- MongoDB - learn.mongodb
- MERN stack-Amypo

LANGUAGE
- Tamil
- English