

Vigneswari

FULL-STACK DEVELOPER

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About

Passionate and performance-driven Full Stack MERN Developer with 2+ years of experience in building modern web applications. Proficient in React.js, Node.js, Express.js, MongoDB, and UI/UX tools like Figma. Skilled in designing, developing, and deploying scalable and maintainable apps using Agile methodologies, with a strong focus on performance and user experience. Certified by Meta and IBM.

Professional Experience

Jr Software Engineer

Hemas Enterprises Private Limited

19 Apr 2023- present

- Designed and developed responsive user interfaces using React.js, enhancing user experience across multiple devices, while maintaining clean, efficient code.
- Implemented backend functionalities with Node.js and Express.js, focusing on RESTful API development, which improved data processing speed by 15% and involved regular troubleshooting to ensure system reliability.
- Reduced page load times by 30% through optimized React components and successfully integrated a complex API within a short deadline, improving data retrieval speed by 20%, while keeping the codebase clean and maintainable.

Projects

GoalSync

An e-commerce platform for online shopping.

Tech Stack: Java, Spring Boot, MongoDB, React, Redux, Material UI

- Progress Tracking:** Real-time progress visualization with dynamic dashboards and custom reporting, leveraging MongoDB for efficient data storage.
- User Roles and Permissions:** Secure authentication and role-based access controls using Spring Boot and JWT for secure, token-based sessions.
- Notifications and Reminders:** Automated alerts to keep teams on track with their goals.
- Responsive UI:** Built using Material UI for a clean, professional look, with Redux for efficient state management and performance optimization.

Trove

A comprehensive knowledge management and collaboration platform

Tech Stack: Java, Spring Boot, MongoDB, React, Zustand, Tailwind CSS, Microservices

- Implemented distributed microservices architecture with four Spring Boot services for efficient load distribution and high availability.
- Utilized React and Zustand for a responsive, state-managed front end with Tailwind CSS for sleek, modern UI design.
- Designed RESTful APIs for seamless data flow and real-time updates using WebSockets

Chatie

Social media web application inspired by Instagram

- Real-Time Chat and Notification:** Instant messaging and notifications for likes, comments, and follows powered by WebSocket for real-time communication.
- Secure Authentication:** User login and registration with JWT-based authentication and encrypted passwords.
- Scalable Backend:** Node.js server with Express for RESTful API endpoints and MongoDB for high-performance data storage

Technical Skills

Front-end Technologies

JavaScript HTML CSS React.js
Next.js

Back-end Technologies

Node.js Express.js MongoDB

Libraries & Utilities

Redux WebSocket JWT Axios
Figma Git Github Postman

Methodologies

Agile (Scrum) REST API

Education & Certifications

Bachelor of Computer Applications

Krishnasamy College of Science, Arts
and Management for Women

07/2019 - 03/2022

GPA : 8

PHP Full Stack Developer Course

CK Edge 01/2023 - 04/2023

Meta Front-End Developer Professional Certificate

Coursera 12/2024

IBM Full-Stack JavaScript Developer Professional Certificate

Coursera 01/2025

Soft Skills

Communication Initiative Creativity

Achievements

- Pinnacle Award - Presented by HEPL for consistently delivering high-quality Products
- Iron Will Award - Awarded by HEPL in appreciation of relentless dedication during critical phases of the project development

Languages

- English (Fluent)
- Tamil (Native)