MITHRA B

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SUMMARY

Aspiring MERN Stack Developer with hands-on experience building responsive and scalable web applications using MongoDB, Express.js, React, and Node.js. Proficient in JavaScript (ES6+), RESTful API development, database design, and full-stack application integration. Experienced in implementing authentication and authorization, performing CRUD operations, and optimizing application performance. Strong problem-solving abilities with a focus on writing clean, maintainable, and user-centric code in fast-paced environments.

SKILLS

Frontend Technologies: HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, Tailwind CSS

Backend Technologies: Node.js, Express.js, RESTful API development, JWT-based authentication

Database & Data Modeling: MongoDB, Mongoose, Schema design, CRUD operations

Tools & Workflow: Git, GitHub, Postman, npm, Environment variables (.env), Basic deployment knowledge

Core Competencies: Problem-solving, Debugging, Clean and maintainable code, API integration, Strong fundamentals in MERN full-stack development

CERTIFICATIONS

MERN Full Stack Development Course, **SDLC Training Center, Dindigul**   2025

EDUCATION

Sri Ramakrishna Engineering College, Coimbatore   2015-2017
M.E., Embedded System Technologies | CGPA: 8.65

Vivekanadha College of Engineering for Women, Tiruchengode   2011-2015
B.E., Electronics and Communication Engineering | CGPA: 8.35

PROJECTS

1. **PlushLuxe – Full Stack E-Commerce Platform (MERN)**
   - Developed a MERN full-stack e-commerce application with separate user and admin panels, implementing complete product, order, and user management using React, Node.js, Express.js, MongoDB, and Mongoose.
   - Built RESTful APIs with JWT-based authentication, role-based access control, and integrated the PayPal payment gateway to enable secure and seamless online transactions.

2. **Todo List CRUD Application (MERN – REST API)**
   - Developed a MERN-based Todo application implementing full CRUD functionality through RESTful APIs for task creation, retrieval, updates, and deletion.
   - Built a structured backend using Express.js, and MongoDB, incorporating data validation, centralized error handling, and seamless frontend–backend integration.

3. **Weather App – React + OpenWeather API**
   - Built a React-based Weather Application using the OpenWeather API to display real-time weather conditions along with hourly and daily forecasts based on user search and location data.
   - Implemented asynchronous data fetching, state management, and time-zone–aware data formatting, delivering a responsive and user-friendly weather dashboard.