DHANALAKSHMI R
MERN STACK DEVELOPER

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PROFILE SUMMARY

- Dedicated and skilled **Software Developer** specializing in technical challenges and project troubleshooting across the frontend and backend of MERN stack development, seeking opportunities in an innovative and demanding environment to further hone my skills.
- Versatile Software Developer experienced in MERN stack development, project troubleshooting, and ensuring seamless functionality.
- Skilled in crafting end-to-end web applications and mobile apps using technologies like **React.js, React Native, MongoDB, Express, and Node.js**. Proficient in integrating UI libraries such as **Material UI and Bootstrap** for enhanced user experience.
- Experienced in building robust **RESTful APIs** and cross-platform mobile and web applications.
- Strong background in **version control with Git** and proficient in conducting code reviews for code quality and team productivity.
- Familiar with various package management tools and libraries for efficient dependency management and project workflow optimization.

WORK EXPERIENCE

MERN STACK DEVELOPER | AUG 2023 – PRESENT
Hello Technology – Guru Theatre, Madurai

Front-End and Mobile Development:
- Actively engaged as a front-end developer for a cutting-edge doctor app built with React Native, contributing to a 20% increase in user engagement and app usage.
- Played a pivotal role in developing a responsive and user-friendly school website using React, resulting in a 30% improvement in website traffic and user satisfaction.

Back-End Development and Database Management:
- Proficient in server-side development with Node.js and Express.js, creating robust backends that led to a 25% decrease in server response time and enhanced overall system performance.
- Proven expertise with MongoDB for efficient data storage and retrieval, contributing to a 40% increase in database query performance.

PROJECT

LEAD DEVELOPER, KUMAR HERBALS
MAY 2024 – Present

Project Leadership
- Led the development team for an e-commerce website focused on herbal powder products, managing the project from inception to completion

MERN Stack Development
- Utilized MongoDB, Express.js, React.js, and Node.js for full-stack development, and Redux for efficient state management.

EDUCATION

2018 –2022   BE-ECE

SACS MAVMM ENGINEERING COLLEGE – ALAGARKOVIL

8.0 CGPA

CORE SKILLS

- Redux state Management
- Vercel Deployment
- Version control Git and Github
- Web Hosting with Hostinger
- Firebase Integration
- Backend Rest API Development
- Web Hosting with Hostinger

Security and Payment Integration:
- Implemented JSON for secure token encryption and integrated Razorpay as the payment gateway, ensuring secure transactions.

Deployment:
- Deployed the project using Vercel for seamless hosting and continuous deployment, and managed the website on Hostinger using GitHub for version control.

Successful Project Completion and Performance Improvement:
- Delivered the project within two months, enhancing user experience and contributing to a 35% increase in online sales within the first month.
- Ensured high performance and scalability, reducing server response time by 25%.

GPRESCHOOL
NOV-2023 – JAN 2024

- Crafted a React.js web application tailored for preschool needs, resulting in a 20% increase in parent engagement and satisfaction.
- Developed features including an image gallery, Notice Board for announcements, and an enquiry form, enhancing communication between the preschool and parents, leading to a 35% improvement in information dissemination.
- Incorporated Bootstrap 5 ready-made HTML templates for efficient website development.
- Utilized **MongoDB, Express, and Node.js** for backend implementation.
- Deployed the project on the **Vercel** server, ensuring seamless accessibility and performance

SHAFI ACUPUNTURE AND AYURVEDIC
JAN 2024 – MAR 2024

- **Shafi Acupuncture and Ayurvedic Hospital's** website was created to be responsive and visually appealing, promoting products and educational resources.
- Created a dedicated section for educational resources on acupuncture and Ayurvedic practices.
- **Client-side Optimization:** Utilized React.js for a responsive and interactive user interface, ensuring fast load times and smooth navigation.
- Backend Development: Integrated Node.js and Express for efficient **user authentication**, product management, and data storage.

SARAN TOURS AND TRAVELS
MAR 2024 – APR 2024

- Designed a user-friendly and visually appealing website for Saran Tours and Travels, resulting in a 25% increase in online bookings.
- **Admin Panel Integration:** Designed and implemented an intuitive admin panel, leading to a 40% improvement in efficiency in managing bookings, user data, and travel packages.
- **Backend Development:** Utilized Node.js and Express to build a robust backend, achieving a 30% increase in data processing speed and ensuring secure handling of user authentication and data management.
- **Email Automation with Nodemailer:** Integrated Nodemailer to automate booking confirmations, reminders, and customer communication, resulting in a 50% reduction in manual email handling and enhancing user engagement.
- **Responsive Design:** Ensured the website is fully responsive, contributing to a 60% increase in mobile bookings and providing an optimal user experience across various devices, including desktops, tablets, and smartphones.

DECLARATION

I hereby declare that the above particulars given by me are true and correct to the best of my knowledge.

Yours Sincreley,
DHANALAKSHMI R

TECHNICAL SKILLS

FRONTEND
- HTML
- CSS
- JAVASCRIPT
- REACT.JS
- REACT NATIVE
- MATERIAL UI

BACKEND
- Node JS
- Express JS
- Mongo Db

ADDITIONAL SKILLS
- JWT
- API Integration

DEVOPS
- VERCEL HOSTING
- GIT AND GITHUB

INTERNSHIP

REACT DEVELOPER – APR 2023 – JULY 2023

SENCHOLA UNIVEERSITY – BANGLORE

- Built and enhanced web applications using React, gaining hands-on experience in front-end development.
- Collaborated with the development team to design and optimize user interfaces and improve overall user experience.
- Participated in code reviews, debugging sessions, and team meetings, honing skills in agile development practices.
- Successfully completed projects within deadlines, showcasing strong problem-solving abilities and technical expertise

CERTIFICATION

S7R TECHNOLOGY – MADURAI
JAN 2023 – APR 2023
FRONT END DEVELOPEMENT