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Professional Summary

Enthusiastic and detail-oriented MCA graduate with a comprehensive training in MERN stack development. Adept at building scalable and responsive web applications using MongoDB, Express.js, React, and Node.js. Possesses strong problem-solving skills and a passion for creating efficient and user-friendly solutions. Eager to contribute to a dynamic development team and grow as a MERN Stack Developer.

Key Skills

- **Programming Languages:** JavaScript, HTML, CSS

- **Web Development:** MERN Stack (MongoDB, Express.js, React, Node.js), RESTful APIs

- **Database Management:** MongoDB, SQL

- **Tools & Technologies:** Git, Docker, Postman, Heroku

- **Soft Skills:** Problem-solving, teamwork, communication, adaptability

- **Recruitment Skills:** Talent acquisition, technical interviewing, industry trends

Academic Projects

E-commerce Platform
Technologies: MERN Stack (MongoDB, Express.js, React, Node.js)

- Developed a full-stack e-commerce application allowing users to browse products, manage a shopping cart, and process payments.

- Implemented user authentication and authorization features with JWT and secure password hashing.

Real-Time Chat Application
Technologies: Node.js, Express.js, Socket.io, React

- Built a real-time chat application enabling users to send and receive messages instantly with WebSocket technology.

- Designed an intuitive user interface with React and managed chat data with MongoDB.

Task Management System
Technologies: MERN Stack (MongoDB, Express.js, React, Node.js)

- Created a task management application allowing users to create, update, and track tasks with a user-friendly interface.

- Implemented CRUD operations and state management using React hooks and Redux.

Certifications

- **MERN Stack Development:** Completed an intensive course on MERN stack development from Guvi, gaining hands-on experience with full-stack application development.

Education

Master of Computer Applications (MCA)
Anna University, Chennai

2013-2016

Bachelor of [Your Major]
PeriyarUniversity ,Salem

2009-2012

Technical Skills

- **Front-End:** React.js, HTML5, CSS3, Bootstrap

- **Back-End:** Node.js, Express.js

- **Database:** MongoDB, SQL

- **Version Control:** Git, GitHub

- **Deployment:** Netlify, Vercel

Projects

Bulk Email Tool

Role: Full Stack Developer

Project Description:

Developed a comprehensive Bulk Email Tool designed to streamline email campaigns for users, providing functionality for template creation, recipient management, and email delivery tracking. The application supports secure user authentication, dynamic content customization, and real-time status notifications.

Key Features:

- **Email Template Management:** Enabled users to create and customize email templates with personalized content, including text, images, and links.

- **Recipient Management:** Implemented functionality for users to upload or import recipient lists and manage large email distributions efficiently.

- **Email Delivery Tracking**: Integrated tracking features to monitor email delivery, open rates, bounce-backs, and unsubscribes.

- **Error Handling:** Provided clear notifications and error messages for issues during file uploads and other critical operations.

- **User Alerts:** Implemented notification alerts for email delivery status and important events to keep users informed about their campaigns.

Technologies Used:

- Frontend: React.js, CSS frameworks (Bootstrap), Formik for form management and validation, React Router for client-side routing, Redux/Context API for state management.

- Backend: Node.js, Express.js for RESTful APIs, MongoDB for data storage, JWT for authentication, Bcrypt for password hashing, and middleware for role-based access control.

- Deployment: Deployed frontend application on Netlify and backend application on Render.

Responsibilities:

- Design Phase: Created wireframes and layout sketches focusing on usability and responsive design.

- Frontend Development: Developed interactive UI components using React.js, managed form state and validation with Formik, and handled routing with React Router.

- Backend Development: Set up RESTful APIs using Node.js and Express.js, implemented user authentication and data management with MongoDB, JWT, and Bcrypt.

- Functionality Implementation: Integrated features for email template creation, recipient management, email sending, and tracking.

- Deployment and Maintenance: Managed deployment processes on Netlify and Render, ensured smooth integration between frontend and backend components.

Achievements:

- Successfully designed and implemented a full-stack application that meets user needs for bulk email management.

- Improved user experience with a responsive and intuitive interface, resulting in efficient email campaign management.

- Enhanced security and performance through robust authentication mechanisms and efficient data handling.

Project: Hotel Booking Application

Description: Developed a full-featured Hotel Booking Application that allows users to search for hotels based on location, view booking details, and manage their reservations. The application provides an intuitive interface for users to interact with and seamlessly integrates with a backend API for real-time data retrieval.

Key Features:

- Hotel Search: Implemented a search functionality that allows users to find hotels based on their preferred location using an Autocomplete component.

- Booking Management: Enabled users to view their existing bookings in a modal, with options to cancel reservations.

- User Authentication: Provided sign-up and login modals for user authentication and session management.

- Responsive Design: Ensured a responsive and user-friendly interface using Material-UI components, including Grid2 for layout management and AppBar for navigation.

Technologies Used:

- Frontend: React, Material-UI (MUI), Axios for API calls, React Router for navigation.

- Backend: Node.js, Express (implied by the use of API endpoints, though details are not specified in the description).

- Other Tools: Git for version control, npm for package management.

Responsibilities:

- Developed and maintained React components for the booking interface and modals.

- Integrated with the backend API to fetch hotel data and handle user bookings.

- Implemented state management for user sessions and booking details.

- Ensured code quality and best practices through code reviews and testing.

Achievements:

- Improved user experience by implementing a responsive and interactive UI.

- Successfully integrated with backend services to provide real-time hotel search and booking management.

- Enhanced user engagement through intuitive navigation and dynamic data handling.

Additional Information

- **Languages:** English (Fluent), [Other Languages]

- **Interests:** Coding, Technology Trends, Open Source Contributions