POORANASUNDARI M

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OBJECTIVE

Entry-level mern full stack developer eager to apply academic knowledge in mongo db, express.js, react, and node.js to real-world projects. Quick learner with a passion for front-end and back-end development. Strong foundation in web technologies and a proactive team player excited to contribute to innovative solutions.

TECHNICAL SKILLS

FRONT-END: HTML5, CSS3, BOOTSTRAP, JAVASCRIPT, REACT.JS
BACK-END: NODE.JS, EXPRESS.JS
DATABASE: MONGODB
TOOLS: VS CODE
OTHER: RESTFUL APIS, JSON
MICROSOFT OFFICE SUITE: WORD, EXCEL, PPT

SOFT SKILLS

Problem solving: Analytical mindset with a track record of identifying and resolving technical challenges.
Adaptability: Quick learner, comfortable adapting to new technologies and methodologies.
Time management: Efficiently prioritize tasks to meet deadlines and deliver high-quality results.

EDUCATION

MASTER OF COMPUTER APPLICATIONS - (80%)
Alagappa University (2021)

BACHELOR OF SCIENCE IN COMPUTER SCIENCE - (72%)
Alagappa University (2018)

HSC - (78%)
Ulagappar Hr. Sec. School (2015)

SSLC - (78%)
Ulagappar Hr. Sec. School (2013)

CERTIFICATION

MERN FULL STACK DEVELOPER-

This certificate covered the MERN (Mongodb, Express.Js, React.Js, And Node.Js) stack, equipping me with comprehensive skills in building scalable and responsive web applications.

Topics included database design, server-side development, front-end frameworks, and project deployment-

- IMPLEMENTING CLIENT-SIDE ROUTING AND STATE MANAGEMENT IN REACT APPLICATIONS.
- DEVELOPING RESTFUL APIS USING EXPRESS.JS AND NODE.JS.
- NTEGRATING MONGODB WITH THE BACK-END TO STORE AND RETRIEVE DATA.

FRONT-END-

HTML/CSS:

- Semantic html: skilled in writing semantic html for better accessibility and seo.
- Css preprocessors: familiar with using css preprocessors like sass or less for more maintainable and organized stylesheets.
- Responsive design: experienced in implementing responsive design principles using media queries and flexbox/grid layouts.

JAVASCRIPT (ES6+):

- Modern javascript: proficient in using es6+ features such as arrow functions, destructuring, and template literals for cleaner and more concise code.
- Async/await: experienced in asynchronous programming using async/await for handling promises efficiently.

REACT.JS:

- Component-based architecture: proficient in developing applications using react's component-based architecture for modularity and reusability.
- State management: experienced in managing component state using react hooks and redux for more complex state management scenarios.
- Virtual dom: understanding and leveraging react's virtual dom for efficient and optimized rendering of ui components.
- Jsx: proficient in using jsx to describe the structure of ui components in a syntax that resembles html.

FRONT-END FRAMEWORKS AND LIBRARIES:

- React router: skilled in implementing client-side routing using react router for a seamless single-page application experience.
- Material-ui, bootstrap, or other ui libraries: familiar with integrating and customizing ui libraries to enhance the visual appeal and functionality of applications.
- Axios or fetch api: proficient in making http requests from the client-side to interact with apis and backend services.

BACK-END-

EXPRESS.JS:

- Server-side development: experienced in building robust and scalable server-side applications using express.js.
- Middleware implementation: proficient in integrating middleware for handling tasks such as authentication, logging, and error handling.
- Restful api development: developed restful apis to facilitate communication between the front end and mongodb.

NODE.JS:

- Backend development: strong background in using node.js for server-side scripting and application logic.
- Package management: proficient in using npm to manage project dependencies and streamline the development workflow.
- Asynchronous programming: experienced in handling asynchronous operations using callbacks, promises, and async/await.

DATABASE:

MONGODB:

- Database design: proficient in designing mongodb databases, creating collections, and establishing efficient document structures.
- Query optimization: skilled in crafting mongodb queries to ensure optimal data retrieval and storage performance.
- Indexing: familiar with creating and managing indexes to enhance database query efficiency.

DEVELOPMENT TOOLS:

- Code editors: proficient in using code editors like visual studio code for efficient coding, debugging, and version control integration.
- Browser developer tools: skilled in utilizing browser developer tools for debugging, profiling, and optimizing front-end code.
- Package managers: familiar with npm for managing project dependencies.

PROJECT

TECHNOLOGY USED: ASP.NET

DATABASE: SQL SERVER

TITLE-

Secure data group sharing and conditional dissemination with multi-owner in cloud computing.

SUMMARY-

A huge volume of data is shared via cloud computing. Data-owner encrypts & uploads the file into the cloud and tags co-owner of the file. Data co-owners append access polices and generate renewed cipher text. Data disseminator gives re-encryption key to disseminate the data if he satisfies enough access polices. Data accessor decrypt the data by giving his private key. The security analysis scheme is efficient for secure data sharing with Multi-owner in cloud computing.

STRENGTH

- Dedicated and results-oriented professional with a passion for solving complex problems through innovative technology solutions.
- A quick learner who thrives in dynamic environments, collaborating effectively with cross-functional teams to deliver high-quality software products.
- Technical and non-technical, with a commitment to continuous learning and professional growth.

DECLARATION

I hereby declare that all the statements made in the above application are true to the best of my knowledge and belief.

(Pooranasundari M)