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Education

Electronics and Communication, B.E
PESITM shimoga
August 2015 - June 2019

Full Stack Web Development
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January 2024-present

Technical Skills

JavaScript Express.js
Node.js React MongoDB
RESTful APIs HTML5 Git

Soft Skills

Problem Solving Teamwork
Attention to Detail
Effective Communication
Adaptability
Time Management

Pooja R

Full Stack Web Developer

Professional Summary

Dynamic Full-Stack Web Developer with a strong command of JavaScript and the MERN stack. Adept at leveraging Generative AI and learning new technologies swiftly. Proven expertise in building robust APIs, responsive frontends with React.js, and efficient MongoDB queries, ensuring seamless integration and high-quality code.

Projects

Weather Forecasting App [Live Demo Link](#) [Github Repo Link](#)

JavaScript Node.js HTML5 CSS3
Responsive Web Design RESTful APIs Git

- Developed a web application that searches and displays weather information using OpenWeatherMap API.
- Implemented a search box for users to enter city names and get weather data by clicking a search button.
- Displayed weather icons, temperature, city name, humidity, and wind speed based on fetched data.
- Utilized JavaScript, HTML5, CSS3 for frontend and Node.js, Express.js for backend.
- Conducted thorough testing to ensure reliability and stability of the application.

Design and Optimization of Microstrip Antenna Arrays for Enhanced Gain and Mutual Coupling Reduction

- Designed microstrip antenna arrays to enhance gain and minimize mutual coupling.
- Introduced a decoupling unit to reduce mutual coupling and improve overall performance.
- Optimized design for better impedance matching and radiation characteristics.
- Supported beam scanning and directivity needed for advanced communication systems.
- Utilized JavaScript, Redux, Node.js, React, Express.js, Git, MongoDB, and RESTful APIs.