

Selva Kumar M

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Professional Experience

IAMNEO/SDE intern

Spearheaded Front-end development initiatives to improve functionality, scalability, and performance of an educational learning platform. providing guidance on best practices in software engineering, code optimization, and problem-solving techniques.

Education

Integrated M.Tech in Software Engineering, Vellore Institute of Technology

2019 – 2024

CGPA: 7.94

Vellore, India

Skills

Programming Languages

JAVA, Object-oriented programming, HTML, CSS, Javascript, Tailwind CSS, React JS, MySQL

tools:

Star UML, Git and GitHub, Asana(Project Management)

Projects

Dynamic Clothing Brand Showcase: Crafting a Responsive Website with React.js

- Created a responsive single-page application for an e-commerce clothing website using React.js, delivering a seamless user experience.
- Implemented front-end functionalities for product browsing, filtering, and viewing using React components.
- Utilized React Router for client-side routing, ensuring efficient data flow throughout the application.

Wedding Planner Management Application

- Designed and developed a comprehensive Java application using Java Swing and MySQL for efficient management of wedding planning tasks.
- Created an intuitive user interface using Java Swing, allowing wedding planners to easily navigate and manage various aspects of event planning such as guest lists, vendor management, and budget tracking.
- Integrated MySQL database to store and retrieve data, ensuring data consistency and reliability throughout the application.
- Designed and implemented secure user authentication and authorization mechanisms to control access to sensitive information.

Weather Application

- Developed a dynamic weather application using HTML, CSS, JavaScript, Tailwind CSS, and a weather API, providing users with real-time weather updates and forecasts.
- Leveraged JavaScript to interact with the weather API, fetching current weather data and forecasts based on user input.
- Utilized Tailwind CSS for rapid and efficient styling, enhancing the visual appeal and usability of the application.
- Implemented features such as location-based weather detection, temperature units conversion, and multi-day forecasts, enhancing the functionality and user experience.

Certificates

• Object Oriented Programming for JAVA on Udemy

• Meta Front-End Developer on Coursera