Davanesh Saminathan

Junior Web & Mobile app Developer | Passionate About Building Responsive and User-Centric Websites & apps

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EDUCATION

Alpha cambridge international school

July 2011 - February 2020

Alpha wisdom vidyashram senior secondary school

July 2020 - February 2022

Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology — *B-Tech-CSE*

August 2023- december 2027

PROJECTS

E-Commerce Website — *Built using React.js*

Project Description:

In this project, I developed a fully functional e-commerce website using React.js. The website is designed to offer a seamless shopping experience, allowing users to browse products, add items to their cart, and proceed to checkout with ease.

Key Features:

- **Responsive Design:** The website is fully responsive, providing an optimal user experience on desktop, tablet, and mobile devices.
- **Shopping Cart and Checkout:** Integrated a shopping cart feature where users can add or remove products, update quantities, and proceed to a secure checkout process.
- **Real-Time Data Handling:** Utilized React's state management and hooks to handle real-time data updates across the website, ensuring a smooth user experience.
- **API Integration:** Integrated with a backend API to manage product data, handle user orders, and process payments.

SKILLS

HTML,

CSS,

JavaScript,

React.js,

React Native,

SQL programming, MongoDB,

UI/UX,

Figma,

version control (Git & GitHub),

AWS Cloud Technical Essentials

AWARDS

Coursera certified HTML and CSS authorized by Meta

Coursera certified Programming with JavaScript authorized by Meta

Coursera certified React.js authorized by Meta

Coursera certified UI/UX authorized by Meta

Coursera certified React Native authorized by Meta

Coursera certified AWS Cloud Technical Essentials authorized by AWS

Technologies Used:

- Frontend: React.js, CSS3, HTML5, JavaScript ES6
- Database: MongoDB
- API: express.js
- Backend: Node.js

Challenges Faced:

During the development process, I encountered challenges related to state management and API integration. However, by leveraging React's ecosystem and thoroughly testing the application, I was able to overcome these challenges

Outcome:

The project successfully demonstrates my ability to build scalable, responsive web applications using React.js. This experience has enhanced my skills in frontend development, API integration, and user experience design, preparing me for a professional role as a web developer.

Hospital appointment booking system website — *Built using HTML and CSS with JavaScript*

Project Description:

I developed a Hospital Appointment Booking System website using HTML, CSS, and JavaScript to streamline the process of scheduling medical appointments. The system is designed to provide a user-friendly interface for patients to book appointments with healthcare professionals efficiently.

Key Features:

- **Responsive User Interface:** The website features a responsive design that adapts to various screen sizes, ensuring accessibility on desktops, tablets, and mobile devices.
- **Doctor Profiles:** The website includes detailed profiles of doctors, including their specialties, experience, and availability, helping patients make informed decisions.
- **Calendar Integration:** Integrated an interactive calendar view where users can see available and booked slots, making it easy to choose convenient appointment times.
- **Form Validation:** Implemented JavaScript-based form validation to ensure that users provide the required information before submitting an appointment request.
- **Appointment Scheduling:** Patients can easily select their preferred doctors, choose available time slots, and book appointments with just a few clicks.

LANGUAGES

English, Tamil

Technologies Used:

- **Frontend:** HTML5 for structuring the content, CSS3 for styling and layout, and JavaScript for interactive elements.
- **Design Tools:** Utilized CSS Flexbox and Grid for responsive design and layout management.
- **Interactivity:** JavaScript was used to implement dynamic features such as calendar selection, form validation, and real-time feedback

Challenges Faced:

The main challenges involved creating a seamless user experience across different devices and ensuring that the appointment booking process was both intuitive and reliable. By applying best practices in responsive design and rigorous testing, I was able to overcome these challenges and deliver a functional and aesthetically pleasing website.

Outcome:

The main challenges involved creating a seamless user experience across different devices and ensuring that the appointment booking process was both intuitive and reliable. By applying best practices in responsive design and rigorous testing, I was able to overcome these challenges and deliver a functional and aesthetically pleasing website.

UI/UX design for Hospital appointment booking system website — *Built using Figma*

Project Description:

I Developed a user-centered UI/UX design for a hospital appointment booking system, focusing on simplifying the patient experience. The design streamlines the process of scheduling appointments, checking availability, and managing bookings online.

Key Features:

- **Responsive Design:** Ensured the design is fully responsive, providing a seamless experience across all devices, including desktops, tablets, and smartphones.
- **Appointment Management:** Designed features for users to view, reschedule, or cancel appointments with ease, reducing no-shows and enhancing user satisfaction.

Tools Used: Figma for wireframing & prototyping