

HEMA PRIYA

MERN Stack Web Developer

My Contact

✉ hemapriya2000mdu@gmail.com

☎ +91 9791745670

📍 Madurai

🌐 Personal/Portfolio Website

Technical Skills

- **Programming Languages** : JavaScript (ES6+), HTML5, CSS3
- **Front-end Development** : React.js, Three.js, WebGL
- **CSS Frameworks**: Bootstrap, Tailwind CSS
- **Back-end Frameworks** : Node.js, Express.js
- **Database** : MongoDB, Mongoose
- **Full-stack Development**: MERN Stack (MongoDB, Express.js, React.js, Node.js)
- **Version Control** : Git, GitHub
- **Package Managers** : npm
- **Build Tools** : Vite, Webpack
- **API Development**: RESTful APIs, JSON, Express.js
- **Development Tools** : VS Code, Postman
- **Deployment**: Vercel, Render
- **3D Modeling** : Blender, 3D Animation, Texturing, Lighting, Rendering

Languages

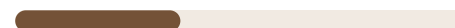
English



Tamil



Hindi



Objectives:

Highly motivated and detail-oriented Full Stack MERN Developer with specialized skills in React.js, Three.js, Node.js, and Tailwind CSS. Proficient in creating visually stunning and interactive web applications, with a strong foundation in both front-end and back-end development. Experienced in 3D modeling and animation using Blender, with a passion for integrating 3D elements into web experiences. Committed to delivering high-quality, performant code and continuously expanding my knowledge of the latest web technologies. Adept at collaborating with cross-functional teams to deliver innovative, user-centric solutions.

Educational Qualification

- Lady Doak College, Madurai.
M.Sc (2020 - 2022) with 84.1%
- Lady Doak College, Madurai.
B.Sc (2017 - 2020) with 71%

Other Qualifications

- **Diploma in Computer Application (DCA)**,
Completed on 2013 with 'B' Grade, CSC, Madurai.
- **Typewriting English SENIOR Grade (45WPM)**,
Completed on 2018 with First Class.
- B.A (Hindi), Dakshina Bharat Hindi Prachar Sabha,
Completed on 2013 with Third Class.

Training

- **Full Stack Development MasterClass**, NoviTech R&D Private Limited. [March 2024 - May 2024]
 - Gained comprehensive training in full-stack web development, covering advanced front-end and back-end techniques

Certification

- **Responsive Web Design (2024)** (300 hours of work) online freecodecamp
- **MongoDB Tutorial (2024)** Online greatlearning.com
- **Full Stack Development (2023)** Online Course guvi.in
- **Tailwind CSS (2023)** Online Course mindluster.com
- **Git Tutorial & GitHub Copilot using JavaScript (2023)** Online Course greatlearning.com
- **React Bootcamp (2024)** (3days) Online LetsUpgrade

Experience:

MERN Stack Developer (Freelancer)

[Self-Employed] [October 2024 – Present]

- **Designing and developing** a full-stack **e-commerce** website for a crackers shop using the **MERN Stack**
 - Implementing **secure user authentication, product catalog management, shopping cart functionality, and orders management system** to enhance user experience.
 - Enhancing user interfaces with **React.js, Tailwind CSS**, and responsive design principles to ensure responsive and user-friendly designs.
 - Integrating **RESTful APIs** with Node.js and Express.js for efficient data handling.
 - Conducting **testing, debugging, and optimization** to improve overall performance and reliability of applications.
- Planning to deploy the website on Vercel, with launch scheduled for August 2025** [[Overview of the Project](#)]

Full Stack Website Development Intern

[EI Systems Services, Uttar Pradesh] [March 2024 - September 2024]

- Developing and maintaining **full-stack web applications** using the MERN stack.
- Building custom **UI components** using **React.js and Tailwind CSS** to ensure optimal user experience.
- Creating **secure and scalable REST APIs** with Node.js and Express.js for seamless data interaction.
- **Optimizing application performance, debugging issues, and ensuring smooth deployment.**
- Deploying projects on **cloud platforms** (e.g., Vercel, AWS) for high availability.

Full Stack Developer Intern

[Pantach Prolab India PVT Ltd, Chennai] [March 2024 - June 2024]

- Completed an intensive, hands-on **full-stack development** program covering **HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, React.js, Node.js, and MongoDB.**
- Built and deployed **full-stack applications from scratch** with authentication and middleware integration.
- Optimized application performance and **implemented CI/CD pipelines** using Docker for efficient deployment.

Web Developer Intern

[Illusiview Immerse Solutions, Coimbatore] [January 2024 - March 2024]

- Collaborated with a team to develop **user-facing features** using **React.js.**
- Optimized **website performance and responsiveness**, enhancing the user experience.
- Contributed to the **team's Git repository** and participated in **code reviews** to ensure high-quality code standards.

Projects:

● Full Stack Project

Project Name: **HP Cloth Store** [[Live](#)] [[Demo Video](#)] [[GitHub](#)]

- **Description:** Developed a full-stack e-commerce clothing store application called HP Store using the MERN stack to allow users to browse, purchase, and manage clothing items. The platform provides a seamless online shopping experience with secure payment processing and user authentication.
- **Key Features:**
 - Implemented a full **CRUD functionality** for managing product listings, including adding new products, updating inventory, and removing items.
 - Developed a **user authentication** system using JWT for secure login and signup processes, with personalized user accounts that support order history and account management.
 - Integrated **Stripe, Razorpay payment gateway** functionality to process secure transactions for customer purchases.
 - Designed and built the backend using **Node.js and Express.js**, which included RESTful API endpoints for product management, user authentication, and order processing, all stored in a **MongoDB** database.
 - Developed the frontend using **React.js**, utilizing React Router for smooth navigation between product pages, shopping cart, and user profiles.
 - Implemented a **shopping cart** system allowing users to add and remove items, adjust quantities, and proceed to checkout.
 - Created a responsive, mobile-first design with CSS and **TailwindCSS**, ensuring a consistent user experience across all devices.

- **Description:** Developed a full-stack food delivery web application using the MERN stack, allowing users to browse restaurants, add food items to their cart, place orders, and track deliveries. The platform offers a seamless and secure ordering experience with integrated payment processing and user authentication.
- **Key Features:**
 - **Full CRUD Functionality** enabled restaurant owners to manage food listings, update menu items, and remove unavailable dishes.
 - **JWT Authentication** Implemented a secure login and signup system, providing users with personalized accounts, order history, and account management.
 - **Stripe Payment** Integration for processing secure online transactions, ensuring smooth and reliable payments for customer orders.
 - **Backend Development (Node.js & Express.js)** designed and built a RESTful API for managing users, orders, and restaurant listings, with data stored in a **MongoDB database**.
 - Built a user-friendly interface with **React.js**, including smooth navigation using **React Router** for restaurant browsing, cart management, and checkout.
 - Implemented a dynamic cart that allows users to add or remove food items, modify quantities, and proceed to checkout.
 - **Order Tracking & Management** provided users real-time order tracking, while restaurant owners could manage incoming orders efficiently.

● Front End Project

Project Name: **Brainwave - Modern UI/UX React Application** [[Live](#)] [[Demo Video](#)] [[GitHub](#)]

- "Brainwave," a responsive React-based UI/UX application focused on modern design and user experience.
- **Key Features:** Built dynamic visuals, smooth transitions, and interactive elements to enhance user engagement.
- **Reusable Components:** Implemented reusable React components to optimize code efficiency, promoting scalability and maintainability.
- **Responsive Design:** Ensured the app's compatibility across devices, creating a seamless experience on desktop, tablet, and mobile.
- **Code Quality:** Prioritized clean, organized code structure, making it adaptable for future development and collaboration.

Project Name: **Coconest Eco Resort - Demo Project - Landing Page** [[Live](#)] [[Demo Video](#)] [[GitHub](#)]

- Developed a demo website for "Coconest Eco Resort" using React.js to showcase the resort's offerings and enhance its online presence.
- Designed and implemented a responsive and visually appealing user interface with a focus on user experience, ensuring seamless navigation across various devices.
- Utilized React.js components and state management to create dynamic pages for booking, gallery, and contact forms.
- Integrated third-party libraries for smooth animations and interactive features, enriching the user experience.
- Ensured optimal performance and accessibility by following best practices in front-end development.

● Front-End 3D Projects

Project Name: **Web development & design company - Sample Project - Landing Page** [[Live](#)] [[Demo Video](#)] [[GitHub](#)]

- Developed a 3D interactive website for a sample web development and design company using React.js and Three.js to showcase their services in a visually engaging manner.
- Created a dynamic, responsive user interface with React.js, seamlessly integrating Three.js to render and interact with 3D models on the website.
- Implemented smooth animations, interactive elements, and realistic lighting effects to enhance user experience and engagement.
- Focused on optimizing the performance of 3D elements for different devices and browsers, ensuring fast load times and smooth navigation.

Project Name: **3D Website - Sample Project** [[Demo Video](#)] [[GitHub](#)]

- Developed a 3D interactive website using Three.js to create a visually stunning experience.
- Created and textured a 3D model in Blender, and imported it into the website using Three.js for real-time rendering.
- Implemented camera controls, lighting effects, and smooth animations to enhance the interactivity and realism of the 3D environment.
- Optimized the performance of the 3D model for web browsers, ensuring smooth interactions and minimal loading time.
- Used JavaScript and Three.js's scene graph to handle 3D object positioning, rendering, and interaction logic.