



HEMA PRIYA

MERN Stack Web Developer

My Contact

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📍 Sivakasi

🌐 [Personal 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** : Webpack
- **API Development**: RESTful APIs, JSON, Express.js
- **Development Tools** : Visual Studio Code, Postman
- **Deployment**: Vercel
- **3D Modeling** : Blender, 3D Animation, Texturing, Lighting, Rendering

Languages

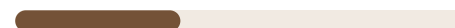
English



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:

Full Stack Website Development Intern

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

- Developing and maintaining full-stack applications using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Enhancing user interfaces with React.js and Tailwind CSS to ensure responsive and user-friendly designs.
- Implementing RESTful APIs with Node.js and Express.js to manage data interactions between the front-end and back-end.
- Conducting testing, debugging, and optimization to improve the overall performance and reliability of applications.

Full Stack Developer Intern

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

- Completed an intensive, hands-on learning program covering front-end and back-end development.
- Built and deployed full-stack applications from scratch, using technologies like HTML, CSS, JavaScript, React.js, Node.js, and MongoDB.
- Integrated advanced back-end features such as middleware for authentication and file handling.
- Participated in performance optimization and deployment processes using Docker and CI/CD practices.

Web Developer Intern

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

- Collaborated with a team to implement 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.

Frontend Developer Intern

[Virtuo Technologies, Sivakasi] [May 2023 - August 2023]

- Gained foundational skills in HTML, CSS, and JavaScript.
- Utilized Git and GitHub for version control, contributing to collaborative projects.
- Developed and styled web pages, learning best practices in responsive design and web accessibility.

Projects:

● Full Stack Project

Project Name: **HP Cloth Store** [\[Link\]](#)

- **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.

Project Name: **HP Blogs** [\[Link\]](#)

- **Description:** Developed a full-stack blog application called HP Blogs using the MERN stack (MongoDB, Express, React.js, Node.js) to allow users to create, view, edit, and delete blog posts.
- **Key Features:**
 - Implemented a full CRUD (Create, Read, Update, Delete) functionality for blog posts, featuring pagination, search, and filtering by category for improved user experience.
 - Designed and built the backend using Node.js and Express.js, which included RESTful API endpoints to handle blog-related operations such as fetching, creating, updating, and deleting blog entries from the MongoDB database.
 - Developed the frontend using React.js, utilizing React Router for smooth navigation between pages and Bootstrap for a responsive, mobile-first design.

● Front End Project

*Project Name: **Coconest Eco Resort - Demo Project** [\[Link\]](#)*

- 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** [\[Link\]](#)*

- 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** [\[Link\]](#)*

- 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.