

# HEMA PRIYA

## MERN Stack Web Developer

### My Contact

✉ hemapriya2000mdu@gmail.com

☎ +91 9791745670

📍 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

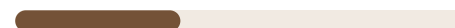
English



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: Money Tracker Web Application*

- **Description:** Developed a full-stack web application to help users manage and track their income and expenses. The application provides features like adding, editing, and deleting transactions, categorizing expenses, and generating reports to give users insights into their spending habits.
- **Key Features:**
  - Front-end: Designed a responsive and user-friendly interface using React.js and Tailwind CSS.
  - Back-end: Created a RESTful API with Node.js and Express.js to handle all data operations securely.
  - Database:
    - Utilized MongoDB with Mongoose for data storage, enabling efficient management of user transactions, categories, and account settings.

*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.