Elakshmanaraj K

MERN Stack Developer

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Profile Summary

Full Stack Developer with experience in developing web applications using **React.js, Node.js, Express.js** and **Mongo DB**. Proficient in creating user interfaces, building secure **REST APIs**, and managing databases. Familiar with version control (**Git, GitHub**), **API Integrations**, and deploying applications on cloud platforms. Comfortable working with both front-end code and back-end code, testing features. Seeking a full-time role to apply these skills, contribute to team projects and continuous learning technologies to improving as a developer.

Technical Skills

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), React.js, Bootstrap, Tailwind CSS, Material UI, Redux Toolkit
- **Backend:** Node JS, Express JS, Mongo DB
- **Core Expertise:** RESTful API Design, RESTful API Integration, Responsive Design
- **Tools & Platforms:** Figma, Adobe XD, Postman, Git, GitHub, Render, Netlify, Cloudinary

Work Experience

Intern – Web Development | Ara Discoveries Pvt Ltd, Thanjavur   Jan 2025 – May 2025

- Developed and deployed **3 responsive websites** using HTML, CSS, JavaScript and Bootstrap, ensuring cross-browser compatibility and seamless user experience across devices.
- Integrated **5 RESTful APIs** to automate content updates and improve interactivity, reducing manual data entry by **40%.**
- Collaborated with **designers and backend developers** to implement scalable, maintainable front-end code, boosting efficiency by 25%.

Projects

Shopnest Ecommerce (MERN Stack, Redux Toolkit, Tailwind CSS) | [Live](#)

- **Product Management:** Implemented Redux for global state management, enabling users to browse, search, and filter products, improving discovery by 40%.
- **Order History:** Implemented backend API to store and retrieve user order details, enabling users to track past purchases easily.
- **Admin Dashboard:** Designed an intuitive admin panel for managing products, orders, and users, boosting workflow efficiency by **35%.**
- **Email Service:** Integrated Nodemailer and Brevo for user verification, ensuring reliable email communication.

Task Management System (React.js + REST APIs) | [Live](#)

- **User Authentication & Authorization** – Implemented secure registration and login with **JWT.**
- **Role-Based Access** – Enabled admin to manage all users and tasks, while users manage their own tasks.
- **Developed** - **custom dashboards** using React.js and Tailwind CSS, ensuring consistent layouts across devices and increasing user engagement by 20%.
- **Task Filtering** – Added advanced filtering features, allowing users to sort and view tasks 35% faster.

Education

- **Bachelor of Computer Applications (BCA),**
  Thanthai Hans Roever College, Perambalur, Percentage: 75%   Aug 2021 – May 2024
- **Higher Secondary Certificate (HSC),**
  Swami Matric Higher Secondary School, Ariyalur, Percentage: 85%   May 2021