

Vignesh Pugazhenth

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Profile Summary

Passionate Software Developer specializing in the **MERN** stack with a focus on **frontend** development. Proficient in **HTML5**, **CSS3**, **JavaScript**, and frameworks like **React**. Skilled in performance optimization, writing efficient code, and creating engaging user experiences. Dedicated to continuous learning and collaborating to design high-performance solutions.

Technical Skills

- **Scripting Languages:** JavaScript, Python
- **Frontend Technologies:** React, Redux, JavaScript, HTML5, CSS3, TailwindCSS, SASS, Bootstrap
- **Backend Technologies:** Node.js, Express.js, SQLite, MongoDB, REST API, MySQL
- **Tools:** Git, GitHub, VSCode, Postman, Figma

Work Experience

Frontend Developer Intern *CODTECH IT SOLUTION* *March 2024 - November 2024*

- Designed and implemented highly responsive web applications using **React.js**, enhancing user engagement by delivering dynamic and interactive interfaces.
- Developed reusable components and front-end libraries, improving code maintainability and reducing development time by **15%**.
- Implemented state management solutions with **Redux** and **Context API**, streamlining application workflows for scalable and efficient data flow.
- Created and integrated **RESTful APIs** with front-end applications using **Node.js**, ensuring seamless communication with back-end services.
- Optimized application performance, achieving **30% faster load times** across various devices and browsers.
- Collaborated in Agile/Scrum development cycles, contributing to sprint planning and delivering features on schedule with **100% completion rate**.

Projects

Netflix-GEMINI - Movie Streaming Application [View Project](#) — [GitHub Repo](#)

- Integrated **GEMINIAI** for personalized movie suggestions.
- Used **TMDB API** for real-time movie data (trailers, posters, etc.).
- Implemented **Firebase Authentication** for secure user login.
- Designed a **responsive UI** with **React**, **Redux**, and **TailwindCSS**.

Nxt-Trends - End-to-End Ecommerce Shopping Website [View Project](#) — [GitHub Repo](#)

- Implemented **JWT-based authentication** for secure user login.
- Designed **product filters** and a **search bar** for quick product browsing.
- Managed global state with **React Context API**.
- Developed **mobile-first design** with **CSS Grid** and **Flexbox**.

Check out my [portfolio](#) for more projects!

Certifications & Achievements

- **MERN Stack Development** — **NXTWAVE** — 2024
- **Node.js** — **NXTWAVE** — 2024
- Scored 9.6/10 in **NXTWAVE's** MERN Stack Development Program.
- Solved 500+ problems on **CodeChef**.

Education

Bachelor of Computer Applications (BCA)

Hindustan Institute of Technology and Science

Graduated: 2018