Vignesh s

Full Stack Developer

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12 April, 2002

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https://github.com/Vignesh8205

A passionate and detail-oriented Full Stack Developer with hands-on experience in building dynamic, responsive web applications using the MERN stack. Skilled in designing RESTful APIs, implementing secure user authentication, and delivering end-to-end solutions from concept to deployment. Proven ability in automating frontend tests using **Cypress**, creating comprehensive test suites, and ensuring application reliability. Adept at solving real-world problems, learning new technologies quickly, and collaborating effectively in cross-functional teams. Seeking opportunities to contribute to impactful projects and grow in a challenging tech environment.

WORK EXPERIENCE

Vebbox Software Solution
Full Stack Developer Intern
(July 2023 - Dec 2023)   Chennai

- Worked on MERN stack applications involving RESTful APIs, frontend-backend integration, MongoDB-based CRUD operations, and UI development using React.js.

TCF Technologies
Cypress Automation Tester
(March 2025 - Present)   Chennai

- Created and maintained Cypress-based automation suites by developing reusable test components and automating user flows to ensure regression-free releases and improved test coverage

EDUCATION

BACHELOR OF ENGINEERING (B.E) – Computer Science and Engineering
ANNA UNIVERSITY , Chennai
2019-2023   7.50CGPA

HIGH SCHOOL (12th) - Computer science
Srinivasa higher Secondary School Mayiladuthurai
2018-2019   56.66%

TECHNICAL CERTIFICATIONS

Frontend Web Development – Certified by Vebbox Software Solution (Jan 2023 – Mar 2023)

Backend Web Development – Certified by Vebbox Software Solution (Apr 2023 – Jun 2023)

PROJECTS

Project 1 – Personal Portfolio Website (08/2023 – 09/2023)
Responsive Web based portfolio website

- Created a professional portfolio website to showcase projects, technical skills, and personal background.
- **Tech Stack:** HTML, CSS, JavaScript, React.js.
- Focused on clean, responsive design and smooth user experience.
- Structured modular components for easy scalability and updates. were utilized
- To create a Web application
  Links : https://github.com/Vignesh8205/Portfolio-Website

Project 2 – E-Commerce Application
KvpCart (02/2023 – 05/2023)

- Built a feature-rich e-commerce platform supporting user authentication, dynamic product catalog management, shopping cart functionality, and an admin dashboard.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB.
- Integrated secure payment gateway and order tracking functionality
- Designed responsive UI for seamless cross-device experience
- Implemented JWT-based authentication and role-based access control
- **Links:** https://github.com/Vignesh8205/KvpCart

Project 3 REST API Testing Tool –
RestPilot   (07/2022 – 09/2022)

- Developed a lightweight API testing tool inspired by Postman, aimed at developers testing RESTful APIs
- **Tech Stack:** React.js, MUI, Axios, xml-js.
- Designed a custom request builder supporting JSON & XML input formats
- Enabled export of request/response data and integrated response viewer with formatting
- **Links:** https://github.com/Vignesh8205/RestPilot

SKILLS

Frontend: HTML5, CSS3, Bootstrap, Tailwind CSS, React.js, Redux

Backend: Node.js, Express.js, REST API, Java

Languages: JavaScript (ES5/ES6), Python, Java

Testing & Automation: Cypress, Playwright, Selenium (Java)

Version Control: Git, GitHub

Development Tools: Postman, VS Code, MongoDB Compass

Computer Science Concepts: Data Structures and Algorithms (DSA)