

UTHIRA MUTHU S P

FRONT END DEVELOPER | SOFTWARE DEVELOPER

<https://uthiramuthu.netlify.app/>

CONTACT

+91 9344928947

uthiramuthusp29@gmail.com

S P Uthira Muthu

Current Location - Chennai

EDUCATION

Bachelor of Engineering

Panimalar Engineering College

2019 - 2023

CGPA - 8.56

GITHUB

<https://github.com/uthiramuthu29/>

LINKEDIN

<https://www.linkedin.com/in/s-p-uthira-muthu-6bb287197>

TECHNICAL SKILLS

- **Programming Languages:**
 - JavaScript
 - Python
 - TypeScript
- **Markup and Styling:**
 - HTML
 - CSS
 - SCSS (SASS)
- **Version Control:**
 - Git
 - Microsoft TFS
- **Libraries and Frameworks:**
 - Bootstrap
 - jQuery
 - React
 - Redux
 - Tailwind CSS
 - D3.js
- **API:**
 - RESTful API
 - GraphQL
- **Design Tools:**
 - Figma
 - Adobe XD
- **Database Management:**
 - MySQL
- **Testing & Tools:**
 - Jest, Selenium, ESLint, Prettier
- **Build Tools:**
 - Webpack
 - Vite

CAREER OBJECTIVE

Frontend Developer with over two years of experience building scalable and responsive web applications using React, JavaScript, and CSS. Committed to writing clean, high-performance code and collaborating effectively to create intuitive user experiences.

WORK EXPERIENCE

Unique Force Technology Solutions - Junior Developer

July 2023 - Present

- Engineered clean and maintainable code by configuring and enforcing code quality standards across the team using ESLint and Prettier.
- Authored and executed automatic & manual unit tests using Jest, Selenium to validate component logic and functionality, ensuring high standards of code quality and application stability across projects.
- Drove continuous performance improvements by proactively profiling application bottlenecks and implementing targeted code optimizations, resulting in faster and more responsive user experiences.
- Translated client specifications into functional requirements to design and implement new, maintainable UI components that directly improved user experience and engagement.
- Architected and developed a library of reusable UI components, which streamlined development cycles and enforced design consistency across multiple applications.
- Collaborated effectively with UI/UX designers and backend engineers to maintain and scale websites, seamlessly integrating RESTful APIs and GraphQL for dynamic data presentation.
- Actively contributed to all phases of the Agile Software Development Life Cycle (SDLC), including requirements gathering, development, testing, and managing CI/CD deployment pipelines.
- Managed the deployment pipeline by configuring and deploying web applications to IIS servers for local testing, and successfully migrating builds to staging environments for client validation.
- Created and maintained comprehensive technical documentation, including Installation Qualification (IQ) and system architecture diagrams, to ensure clarity and streamline developer onboarding.
- Enhanced website visibility and performance by implementing on-page SEO best practices and optimizing for Google PageSpeed, while ensuring W3C standards compliance through HTML validation.

PROJECTS

- **Project 1: Personal Finance Management Application**
 - Engineered a React application that parses user-uploaded bank statements to automatically generate a detailed transaction history, with full CRUD functionality for managing entries and payment details.
 - Leveraged the D3.js library to design and implement an interactive analytics dashboard, rendering dynamic charts and custom visualizations that provided users with clear insights into their spending patterns and overall financial health.
- **Project 2: TNEA College Finder Web Application**
 - Developed a dynamic TNEA College Finder web application using React to streamline the college selection process, allowing students to filter institutions by community, district, and cutoff marks.
 - Engineered an intuitive and interactive user interface with effective state management to simplify the decision-making process and provide students with a seamless way to shortlist eligible colleges.
- **Project 3: Heart Disease Prediction Model**
 - Built a **Generic AI** supervised machine learning model to predict the likelihood of heart disease.