

MADHUMITHA SHANMUGAM

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🌐 Portfolio [in](#) LinkedIn [on](#) GitHub

Objective

Motivated software engineer with 6 months of experience as an intern at Tek Structures, specializing in React JS, React Native, and JavaScript. Eager to apply my skills in developing efficient and scalable web and mobile solutions while contributing to the company's success. Committed to continuous learning and professional growth, I am dedicated to making a meaningful impact and driving mutual success.

Technical Skills

Programming Languages: Python, JavaScript, TypeScript

Databases: SQL, PostgreSQL

Web Technologies: HTML, React JS, GraphQL

Version Control: Git, GitHub

React Libraries: Axios, React Router, React Flow

Operating Systems: Windows

IDEs: Visual Studio Code, Jupyter Notebook

Framework: FastAPI, React Native

Styling: CSS, Sass, Tailwind CSS

Internship

TEK STRUCTURES

May 2024 – Present

Software Engineering Intern

Chittoor, India

- **Project: Customer Relationship Management System with WhatsApp API**
- Technologies: Python, FastAPI, ReactJS, Hooks, Redux, GitHub, JavaScript, SQL Alchemy, HTML, CSS
- Developed APIs for integrating WhatsApp CRM functionalities, focusing on lead generation and automated messaging using CRON jobs.
- Implemented complete CRUD operations to enhance data management capabilities.
- Employed React Axios for data fetching and JWT Context for secure authentication.
- **Project: Scheduled Application**
- Technologies: ReactJS, React Native, TypeScript, Expo, JavaScript
- Developed a responsive and dynamic To-Do application using ReactJS for web and React Native for mobile platforms.
- Leveraged TypeScript to ensure type safety and reduce bugs during development.
- Integrated the Expo Calendar API to manage and sync scheduling tasks directly within the application.

Personal Projects

Drag-and-Drop Application Development

- Technologies: React JS, Grapes JS, JavaScript, CSS, HTML
- Developed a drag-and-drop application to streamline HTML and CSS creation.
- Integrated a real-time UI styling editor using CSS, reducing development time.
- Enabled export of the final design as HTML and CSS files for easy deployment.
- **GitHub Repository:** <https://github.com/Madhumithaashanmugam/ReactGrapesJS>

Education

SDHR Degree and PG College, S.V. University, Tirupati

September 2023

Bachelor of Computer Applications

CGPA: 7.93

Sri Chaitanya Junior College, Board of Intermediate Education, Tirupati

March 2020

Intermediate

CGPA: 5.5

Little Flower English Medium High School, Tirupati

June 2018

Secondary School Certificate

CGPA: 8.5

Declaration

I hereby declare that the information provided above is true to the best of my knowledge and belief. I am confident that my skills and experience align well with the requirements of the role, and I am committed to contributing positively to the organization.