

MADHUMITHA SHANMUGAM

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[LinkedIn](#) | [GitHub](#)

OBJECTIVE

Motivated IT fresher seeking an entry-level position to apply my skills in a dynamic environment. Committed to contributing to organizational success through technical proficiency and problem-solving abilities.

EDUCATION

Bachelor of Computer Application

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

September 2023 | 7.93 CGPA

Intermediate

Sri Chaitanya Junior College, Board of Intermediate Education, Tirupati

March 2020 | 5.5 CGPA

10th

Little Flower English Medium High School, Secondary School Certificate, Tirupati

June 2018 | 8.5 CGPA

TECHNICAL KNOWLEDGE

- **Programming Languages:** Python
- **Web Technologies:** HTML, CSS, JavaScript, React JS
- **React Libraries:** Redux, Axios, React Router, Hooks
- **Framework:** FastAPI
- **Database:** SQL, PostgreSQL
- **Operating Systems:** Windows
- **IDEs:** Visual Studio Code, Jupyter Notebook
- **Version Control:** Git, GitHub

PROFESSIONAL EXPERIENCE

Software Engineering Intern

TEK STRUCTURE Private Limited | May 2024 – Present

- **Project:** Customer Relationship Management (CRM) system with WhatsApp API
- **Technologies:** React, Redux, JavaScript, Python, FastAPI, SQL, PostgreSQL
- **Responsibilities:**
 - **API Development:** Designed and implemented robust APIs using FastAPI, ensuring efficient and secure data handling.
 - **UI Maintenance:** Maintained and improved the user interface using React JS, enhancing user experience and functionality.
 - **Full-Stack Collaboration:** Worked closely with backend and frontend teams to ensure seamless integration and deployment of features.
 - **Database Management:** Created and optimized database schemas and queries using PostgreSQL to support application functionality.
 - **Version Control:** Utilized Git and GitHub for source code management, ensuring codebase integrity and facilitating collaboration.

(S. MADHUMITHA)