

# MEDAGAM V S MANJUNADHA REDDY

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Chennai

## Summary

Passionate engineer with skills in PHP, Python, Java, Git, and AIoT. Experienced in software development and database management. Developed an Employee Email Database Management System for TANGEDCO, officially used by the government of Tamil Nadu. Always eager to tackle complex problems and create efficient solutions.

## Education

<b>S.R.M INSTITUTE OF SCIENCE AND TECHNOLOGY</b> B.Tech in CSE with Specialization in Information Technology · Computer Science · Kaatankulathur, Chennai	Sep 2022 - May 2026 8.50
<b>VELAMMAL INTERNATIONAL SCHOOL</b> 12th · AISSCE · Ponneri, Chennai	- 80.2
<b>DIVINE CHILD SCHOOL</b> 10th · AISSE · Mehsana, Gujarat	- 81.4

## Experience

<b>TANGEDCO(TamilNadu Generation And Distribution Corporation Limited)</b> Software Engineer Intern · Developer · Full Time	Jun 2024 - Jul 2024 Chennai
<ul style="list-style-type: none"><li>Developed a comprehensive Employee Email Database Management System for the Tamil Nadu Electricity Board (TNEB).</li><li>Designed and implemented an SQL-based database to securely store and manage employee email information.</li><li>Ensured data integrity and security through encryption protocols and access control mechanisms.</li><li>Created a user-friendly interface to facilitate efficient data entry and retrieval.</li><li>Streamlined internal communication processes by automating notifications and updates to employees.</li><li>Collaborated closely with stakeholders to gather requirements and identify key features for the system.</li></ul>	

## Projects

<b>TANGEDCO Employee Email Database Management System</b>   <a href="#">Link</a> TANGEDCO(TamilNadu Generation And Distribution Corporation Limited) · HTML, CSS, JS, PHP	Jun 2024 - Jul 2024 Web Development
Web application for the Tamil Nadu Electricity Board (TNEB) that streamlines user management and access control. The website features a unified database of employees email and ensure appropriate data visibility and security. It includes robust session management to maintain secure user authentication and a well-optimized database to handle and efficiently manage user data.	
<b>Image Quilting for Texture Transfer and Synthesis</b> S.R.M INSTITUTE OF SCIENCE AND TECHNOLOGY · Python, HTML, Tailwind, Javascript,	- Python, Web Development
Full stack web application built with HTML, Tailwind CSS, JavaScript, and Python, backed by MongoDB for secure user authentication and session management. The platform supports dynamic image upload, customizable dimension input, and advanced Gaussian based patch synthesis for seamless image quilting and texture transfer. Real time previews and cache busting techniques ensure immediate feedback. Asynchronous JavaScript and RESTful API endpoints optimize performance and scalability, delivering high resolution texture generation and a responsive user experience.	

IOT

## Skills

## Certifications

Feb 2025 -

Feb 2025 -

Jan 2025 -

## Languages

## Links

LinkedIn