

# MEDAGAM VENKATA SIVA REDDY

+91 8185026096 | [venkatasivareddymedagam@gmail.com](mailto:venkatasivareddymedagam@gmail.com) | [github.com/sivareddymedagam](https://github.com/sivareddymedagam) |

[linkedin.com/in/medagam-venkatasivareddy](https://linkedin.com/in/medagam-venkatasivareddy)

## CAREER OBJECTIVE

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Recent Computer Science Engineering graduate (2025) with strong foundations in programming, web development, and problem-solving. Seeking an entry-level software developer role to apply technical expertise, contribute to impactful projects, and grow within a dynamic organization. Passionate about leveraging cutting edge technologies to solve real-world problems and committed to continuous learning and professional development in the ever-evolving tech landscape.

## EDUCATION

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### B.Tech, Computer Science & Engineering

Saveetha School of Engineering, Saveetha University

**CGPA: 8.2**

2021–2025

### Intermediate (MPC)

Sree Mitra Junior College

**Percentage:86%**

2019–2021

## PROJECTS

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### Cirrhosis Disease Prediction using Machine Learning

Developed predictive models using Decision Trees, Logistic Regression, and Random Forest achieving 85%+ accuracy. Applied data preprocessing, feature selection, and visualization with Python, Pandas, Scikit-learn, Matplotlib. Integrated cross-validation & hyperparameter tuning for reliable performance. Created dashboards for healthcare professionals to interpret results effectively.

### Next-Gen Smart Door System for Accessibility & Security

Developed IoT-enabled smart door with ESP32-CAM for real-time video streaming and remote unlocking. Enhanced accessibility for elderly, disabled, and families with cost-effective contactless access. Integrated motion detection & instant alerts for added security. Optimized for low power consumption and seamless connectivity.

## SKILLS

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**Technical Skills-** Java, JavaScript, Python

**Web Development-**HTML, CSS, TailwindCSS, React,Node.js

**Database-**MySQL, MongoDB

**Soft Skills-** Problem Solving, Teamwork, Communication, Adaptability

## CERTIFICATIONS

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Oracle Cloud Infrastructure 2025 Certified Generative AI Professional

Cambridge English Proficiency – Lingua Skills

AI for Students Workshop – NXT WAVE