

# SIVARAMASA STRY-PANTULA

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## OBJECTIVE

**Aspiring Web Developer and Machine Learning Engineer with experience in building full-stack applications (React.js, Node.js, MongoDB) and ML tools (scikit-learn, TensorFlow). Passionate about data structures and algorithms, problem-solving, and using AI to create real-world solutions. Aiming to combine tech skills and creativity to become a successful entrepreneur.**

## EDUCATION

**BTech in CSE (AIML)**, Gayatri Vidya Parishad College of Engineering (GPA 9.31/10)

2023 - 2027

**Intermediate in MPC**, Sanjeevi junior College (96.4%)

2020 -2022

## SKILLS

**Languages:** HTML, CSS, JavaScript, TypeScript, C, C++, Python, Java

**Libraries & Frameworks:** React.js , Node.js , Express.js, Tailwind CSS, Redux Toolkit, Scikit-Learn, NumPy, pandas, Matplotlib

**Tools:** Git, GitHub, Firebase, Google Cloud Platform, Postman, Jupyter Notebook, VS Code

**Databases:** MongoDB, MySQL

**Other Skills:** REST APIs, Responsive Design, Model Evaluation, Cross Validation, Open Source Contribution

## EXPERIENCE

### GSSOC – Campus Ambassador & Contributor

**(Jun 2025 – Present)**

- Selected as campus ambassador to promote open-source culture
- Contributed to GSSOC projects by resolving issues, submitting PRs, and enhancing code quality.

### Self-Learning Projects – Web Development & Machine Learning

- Built full-stack apps using React.js, Node.js, Express.js, and MongoDB
- Implemented ML models using Python, scikit-learn, and pandas

## PROJECTS

**IIT-Book-Resale-Platform:** Created a student-focused platform for buying/selling used books with category filters and search features. Handled backend operations using Express.js and MongoDB for storing listings and user data.

**SwiggyClone:** Developed a complex, fully responsive UI using React.js, Tailwind CSS, and Redux Toolkit. Built features like dynamic routing, real-time cart updates, restaurant listing, and product details.

**AIChatbots:** Exploring AI development by building chatbots and smart assistants using Python and machine learning libraries. Aiming to integrate AI into real-world apps soon.

**MFU-SIMULATOR:** Built MFU Simulator to optimize warehouse layouts for Amazon, Walmart, Flipkart—reducing manpower, fuel, and space usage through smart simulation.

## ACHIEVEMENTS / ROLES

Selected as Campus Ambassador and Contributor for GSSoC – promoting open source and community learning

Solved 200+ problems on LeetCode, building strong DSA foundations

Engaged in open-source contributions and real-world project building

Active learner with certifications in ML and web development from top platforms