SIVARAMASASTRY-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: Developed MFU Simulator Web App using MERN stack to optimize warehouse layouts for Amazon, Walmart, Flipkart—cutting manpower, fuel, and space costs via intelligent simulation and dynamic UI.

ACHIEVEMENTS / ROLES

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

Solved 400+ problems on LeetCode, building strong DSA foundations

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

2★ CodeChef rated competitive programmer with consistent contest participation.