

VADISINA SAI PRIYA

Hyderabad, India • +91 9100303926 • saipriyavadisina@gmail.com

EDUCATION

BVRIT HYDERABAD College of Engineering for Women

Nov 2020 - Aug 2024

Bachelor of Technology

Major in Electrical and Electronics Engineering

CGPA: 6.59

Narayana Junior College

Apr 2018 - Mar 2020

Telangana State Board of Intermediate Education

Major in Mathematics, Physics, Chemistry (MPC)

Percentage: 89.6%

Bhashyam High School

Apr 2017 - Mar 2018

Telangana State Board of Secondary Education

X Class

CGPA: 9.2

EXPERIENCE

Associate Software Engineer Intern

Sritech Software Services, Hyderabad

Nov 2024 – May 2025

- Write clean, efficient, and maintainable code under the guidance of senior engineers.
 - Participate in debugging, troubleshooting, and resolving technical issues.
 - Continuously learn new technologies, frameworks, and tools relevant to the team's work.
 - Attend workshops, code reviews, and team meetings to enhance technical knowledge.
-

PROJECTS

Golygon Pathfinding in a Grid-Based City, Python based game

- Develop an algorithm that optimizes the travel experience by directing them through paths free from obstructions or disruptions.

Credit risk modeling using Logistic Regression, Machine Learning using Python

- Predict the loan defaulters using a Logistic Regression model on the credit risk data and calculate credit scores by developing a credit scoring system.

Enhancing Borewell Rescue Operations with Automation, IoT

- It involves implementing technologies such as robotics and sensors to streamline and expedite the process of rescuing individuals trapped in borewells. By automating tasks systems improve accuracy, and safety in rescue missions.

Robust MPPT control Stand-Alone PV system using FOPID, MATLAB

- It focuses on optimizing the MPPT in stand-alone PV systems using a fractional-order PID controller to improve control dynamics and robustness over traditional PID controllers, leading to better performance in varying environmental conditions.

Made To Fit, Web Application

- It is a web application where users can order their preferred style of dress for stitching using their measurements. Users can also select the fabric they want from the catalog and request that it be stitched exactly as they want it.
-

TECHNICAL SKILLS

- **Programming Languages:** Python, Machine learning, HTML/CSS.

ACTIVITIES

- Participated in We-Hub and was selected for the first round.
- Contributed to Hacktober Fest - 2022
- Enhancing Borewell Rescue Operation with Automation - the paper was published at the International Conference on Cognitive Robotics and Intelligent Systems (ICC-ROBINS) conference.
- Optimizing Power Output in Stand-Alone PV Systems with a Fractional Order PID-Based MPPT Controller - the paper was presented at the International Conference on Emerging Technologies and Applications in Electrical Engineering.

CERTIFICATIONS

- 2020 - Python Programming by My Captain
- 2022 - Elite Coders Compete by Codechef, Effects of EV on Vehicle Dynamics by Elite Techno Groups
- 2022 - Introduction to Electrical Vehicles by Skill-Lync, Machine Learning by Simplilearn, Python (Basic) by Hackerrank, C Programming by My Captain
- 2023 - Artificial Intelligence & Web Development by My Captain
- 2025 - Full Stack Development by My Captain.

HACKATHONS

- Participated in Toycathon 2021 conducted by Educational Ministry of India.
- Participated in National Tech fest "Spark-Intelligentia 2021" conducted by Malla Reddy university.
- Participated in Flutter Puzzle Hack Challenge conducted by Google.
- Participated in Anveshna event conducted by Synopsys.
- Participated in Engineering Equity hackathon conducted by Virtusa.

PERSONAL INFO

- LinkedIn : [Sai Priya Vadisina](#)
- Github : [Saipriyavadisina](#)