SAI SABARISH S

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SUMMARY

Fullstackdeveloper in progress with a strong grip on DSA and problem solving. I build clean, data-driven apps and keep leveling up with every project.

PROJECTS

VoiceGender Classification using Random Forest

Mini project, 5th Semester of 2025

- To maintain a healthy and safe server environment by automatically flagging risky activity and blocking misuse.
- Ensure server security by automatically identifying unusual behavior and blocking harmful access.

HeartDisease Classification using AI/ML

Miniproject, 5th Semester of 2025

- Heart disease classification: used logistic regression, decision trees, and random forest with Python (NumPy, pandas, scikit-learn). Evaluated with accuracy, precision, recall, F1, and ROC-AUC.

TECHNICAL STACK

Proficient in: Python,C/C++, Java, HTML/CSS, JavaScript | Analytics Stack: NumPy, Pandas, scikit-learn, R, MATLAB
Capabilities: Modeling, quantitative & qualitative analysis, data visualization, statistical analysis, Git
AI Tools: Bolt.new,ChatGPT, Blackbox, Gemini, DeepSeek, Sora

EXPIRIENCE

BusAttendanceandTracking System (BATS)

TeamLeadfor3members , FourthSemesterof 2025   *Progress - Ongoing*

- To build a system that ensures real-time tracking of school/college buses along with student attendance monitoring for safety and accountability.
- Automatically logs student entry/exit using RFID/NFC, QR codes, or mobile apps

HACKATHONS

Micro,Small,and Medium Enterprises (MSME) | *Intelligent Lighting System using AIML/IOT*

- An adaptive lighting system that uses AI/ML to read the environment and presenc e, then sets the right brightness and color automatically.
- Implemented using Python, TensorFlow, OpenCV, Arduino/Raspberry Pi, Sensors (LDR, PIR).

Smart India Hackathon (SIH) | *AI Automated ChatBot using AIML*

- Smart Chatbot created for ease purposes that learns from prompts and adapts quickly from previous memories , accuracy went around 88%
- Implemented using Python, TensorFlow, OpenCV and Venv - Google collab for storing huge datasets for memory compilation

EDUCATION

Rajalakshmi Institute of Technology

Bachelor of Engineering in Computer Science (BE)   **India | 2023-27**
                                                         GPA-8.53/10(Upto5th sem)

- Relevant Coursework: Data Structures, Design and Analysis of Algorithms, Machine Learning and Data Analytics

PUBLICATIONS

- *"Biodegradable Smart packaging system using chemical components with smart ai/ml +iot technology "*
- *"Voice Gender Classification using random forest"*