

P R Hari Hara Sai Pratham

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Education

Sep 2024 | **B.E in Computer Science**, R.V College Of Engineering, GPA: 9.25, Bengaluru, Aug 2028 Karnataka.

Aug 2021 | **2nd PUC in Computer Science**, PES PU College, GPA: 87.66% (Core Subjects), Bengaluru, Karnataka. Mar 2023

Experience

Dec 2024 – **Member**, Team Chimera, Bengaluru, Karnataka.

Present o Developed Firmware for EV Car(BMS,DAS)

Dec 2024 – **Member**, Project Jatayu, Bengaluru, Karnataka.

Present o Helping to develop Gaurdian Drone. Learned drone regulations of India

Nov 2025 – **Member**, Accelerate Club, Bengaluru, Karntaka.

Present

Skills

GUI Development Learned GUI development basics with Dear PyGUI

C++ Intermediate to Advanced level

Python Programming Completed CS50P, a Harvard course on Python programming

Matlab Simulink Used Matlab Simulink to simulate and develop BMS algorithm for Team Chimera Simulink

Web Development Basics HTML, CSS(+Bootstrap), Javascript(+jQuery)

Basics

Projects

BMS Algorithm, Matlab Simulink, C.

Developed an Unscented Kalman Filter algorithm for SOC and SOH approximation, using Matlab Simulink.

https://github.com/harihara-1869/Team_Chimera_Firmware

GUI Development for Sensor array, Dear PyGUI, Python Libraries(TCP, Socket, Threading, etc).

Used Dear PyGUI and python libraries to read data and display data in real time from 13 sensors over wifi, this project was in collaboration with Center for Green Technologies and Hydrogen for analysing H2 Electrolyzers.

Achivements

Road to Poneglyph CTF, 25 Nov 2025.

Secured 3rd place in a Germany-collaborative international CTF event, competing against global student teams.

Coding Club RVCE, Accelerate Club RVCE, THWS Germany