

# 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, Karnataka*.  
Aug 2028  
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 ○ Developed Firmware for EV Car(BMS,DAS)  
Dec 2024 – **Member**, *Project Jatayu*, Bengaluru, Karnataka.  
Present ○ Helping to develop Gaurdian Drone. Learned drone regulations of India  
Nov 2025 – **Member**, *Accelerate Club*, Bengaluru, Karnataka.  
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  
Web Development Basics HTML, CSS(+Bootstrap), Javascript(+jQuery)

## 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](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.

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## 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