# NAME

ph no ◇ Bangalore
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## OBJECTIVE

Electronics and Communication Engineering student with a versatile skillset spanning Core Electronics and the Software side. Proficient in Python and Web Development, with a strong foundation in VLSI design.Eager to leverage this cross-disciplinary expertise to build integrated solutions and contribute to technological advancements.

## EDUCATION

**Amrita Vishwa Vidyapeetham, Bangalore** 2022-2026
B.Tech in ECE- CGPA: 6.92

**Sri Chaitanya Junior College,** 2020 - 2022
12th Standard- Percentage: 97.7

**High School,** 2020
10th Standard- Percentage: 96.6

## SKILLS

| | |
|---|---|
| **Programming Languages** | Python, C Programming, JavaScript, SQL, Verilog. |
| **Technologies and Frameworks** | Arduino IDE, LT Spice, Matlab, Keil, Cadence Virtuoso, React. |
| **Soft Skills** | Strong Leadership, Communication skills, Teamwork with adaptability. |

## INTERNSHIP

**Intern | Web Development** May 2025 - Jun 2025
Hindustan Aeronautics Limited: HAL(MCSRDC), Bangalore

- Built a secure, isolated web application for managing and visualizing sensitive flight data.
- Implemented 2D flight trajectory visualizations using Martin Server and MB Tiles.

## PROJECTS

**Real Time Patient Health Monitoring System** Jul 2024

- Developed a real-time patient health monitoring system using ESP8266, sensors to measure Patient Vitals.
- Designed and programmed the full system in Arduino IDE integrating buzzer alerts and Blynk IoT app to deliver real-time health updates and emergency notifications.

**Event Booking System** Jul 2025

- Developed a responsive full-stack event platform using React and Supabase.
- Implemented automated workflows using SQL database triggers for instant stock updates and EmailJS for transactional booking confirmations.

**Hardware Trojan Detection** Oct 2025

- Designed and implemented a detection pipeline to extract simulation-triggered input patterns and encode them into compact test vectors.
- Validated identified triggers and produced detailed simulation traces for rigorous analysis and verification.

## CERTIFICATIONS

- **IoT and Robotics:** Teachnook in collaboration with Cognizance. Jun 2024
- **Introduction to Web Development:** Udemy. Jul 2025