

PRABHU RAMESH HONDAPPAGOL

Address: Ventaka Sai PG, Brilliant School Road, B.E.M.L Layout,
Bangalore, Karnataka-560037

Mobile Number: +91 9110899400

Email ID: prho23cs@cmrit.ac.in/prabhuhondappagol@gmail.com

Linkedin: www.linkedin.com/in/prabhu-hondappagol-a92902324

Github: <https://github.com/prabhu463>

LeetCode: <https://leetcode.com/prabhurameshhondappagol>



CAREER OBJECTIVE

Aspiring software engineer with strong skills in **full-stack development** and hands-on experience in **AI and Generative AI tools**. Passionate about building innovative, intelligent, and scalable applications by integrating modern web technologies with AI-driven solutions. Seeking opportunities to apply technical expertise and creativity to deliver impactful software products.

EDUCATION QUALIFICATION

- **Bachelor of Engineering – Computer Science Engineering**
CMR Institute of Technology, Bengaluru.
CGPA-8.75, 2027(pursuing)
- **Pre University Course- Science**
Alvas Pre University College, Moodubidire, Karnataka.
94.33% in 2023
- **SSLC**
Mayur English Medium School, Gokak
92.96% in the year 2021

TECHNICAL SKILLS

- **Programming languages:** Java, Python, C/C++.
- **Operating system:** Windows, Linux, Ubuntu, macOS.
- **Web Technologies:** HTML, CSS, JavaScript.
- **Framework:** Nodejs, Django, ReactJS, SpringBoot.
- **Databases:** MongoDB, MySQL.
- **Version Control:** Git/GitHub.
- **Other Technologies:** AWS, Docker.

PROJECTS

Music Play-Pause Device Using Arduino

- Developed a gesture-controlled music playback system using Arduino and ultrasonic sensors.
- Implemented touchless play and pause functionality through precise hand gesture detection.
- Enhanced user experience by eliminating physical buttons, providing a hygienic, intuitive solution.

Cell Phone Detector Using Arduino Uno

- Designed a cost-effective device to detect unauthorized mobile phones in restricted areas.
- Utilized Arduino Uno to capture RF signals from cell phones during calls, messaging, or data transfer.
- Enabled real-time alerts to users via visual and audio indicators within a specified detection range.

Aircraft Tracking and Maintenance System

- Built a real-time monitoring and maintenance tracking solution for aircraft using embedded systems.
- Automated the logging of aircraft performance, maintenance schedules, and alerts for preventive actions.
- Improved operational safety and efficiency by reducing manual checks and enabling early fault detection.

CO-CURRICULAR ACTIVITIES AND EXTRA CURRICULAR ACTIVITES

- **Online courses and certification**
 - Complete Python developer course: Udemy
 - Intro to AI with Python: Harvard CS50s

- The Javascript Essentials: Cisco Networking.
 - Cyber security course on Forage.
 - AWS Cloud Practitioner.
 - Hackathons
 - Participated in Smart India Hackathon 2025
 - Participated in amBITion 24hr hackathon held at BIT college Bangalore.
 - Participated in DSA Hackathon organised by CSE Department, CMRIT.
 - Participated in Byte Battles Hackathon and ended up top 10 among 89 teams.
-

AWARDS AND ACHIEVEMENTS

- Received Best Mini Project for Cell Phone Detector using Arduino.
 - Completed virtual internship on data analytics job simulation in Forage.
-

PERSONAL DETAILS

DOB	: 21-09-2004
GENDER	: Male
NATIONALITY	: Indian
PERMANENT ADDRESS	: Basava Nagar 2 nd cross Gokak, Belagavi, Karnataka-591307
LINGUISTIC COMPETENCY	: English, Kannada, Hindi
HOBBIES	: Playing sports, listening music, exploring new technology etc.