

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 Practionier.
 - 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.
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AWARDS AND ACHIEVEMENTS

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

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