PRARTHANA R KARANTH
Student

CONTACT

📞 9481806161

✉ prarthanakaranth666@gmail.com

📍 No.31,9th C Cross,S.B.I Colony,J.P Nagar 1st Phase,Bangalore-560078

🌐 LinkedIn:www.linkedin.com/in/ prarthana-karanth-3268b5259

EDUCATION

- **B.N.M. Institute of Technology**(2022-Present) — B.E. in Computer Science and Engineering, CGPA: 9.11
- **R.V. PU College** (2020-2022) — Pre-University Course, 93.83%
- **Samved School** (2007-2020) — High School, 94.24%

SKILLS

- **Programming Languages:** Python, Java, JavaScript, PHP
- **Frontend Technologies:** HTML, CSS, React, Tailwind CSS
- **Backend & Database:** MySQL, Neon DB,Mongo DB
- **IoT & Embedded Systems:** ESP8266, PCB Design, Blynk App
- Problem Solving & UX Design
- **Soft Skills**: Team Leadership, Communication, Time Management, Adaptability

CERTIFICATION/COURSES

- **Samsung Innovation Campus:** Completed a 6-month Coding & Programming Course (June 2023 - December 2023), certifying proficiency in programming skills.
- **AWS Certified Machine Learning:** Completed the course in Data Engineering, Machine Learning, & AWS (July 8, 2024) – Infosys Springboard.
- **Hacktoberfest:** Certificate for completing the PR challenge and making your first open-source contribution.
- **Python (Basic) on HackerRank** and certified by Infosys Springboard.

LANGUAGES

- English: Fluent
- Kannada: Fluent
- Hindi: Fluent

PROFILE

As a dedicated Computer Science student with a strong foundation in programming and web development, I'm passionate about applying technology to solve practical challenges. I bring hands-on experience in IoT and embedded systems, along with a love for team collaboration and sharing ideas. Outside of tech, I stay active in music, Yakshagana, and yoga, embracing a well-rounded approach to both personal and professional growth.

INTERNSHIPS

1. External Internship: Shadowfox
Role: Web Development Intern
Duration: November 1 - Present
2.External Internship: Subhanu Technologies and Solutions Pvt. Ltd.
Projects: Smart Soil Moisture Monitoring System, Smart Door Lock, Smart Garden
Technologies: Embedded Systems, IoT, Flutter Flow, Arduino IDE, MIT App
Duration: August 28 - September 23, 2023
3.Internal Internship: Samsung Innovation Campus
Course: Coding and Programming(Python)
Duration: June 2023 - December 2023

PROJECTS

1.Finance Management Dashboard

Built a responsive dashboard for real-time financial data and transaction automation, improving banking efficiency and security.

Technologies Used: HTML, CSS, PHP, JavaScript, React

2.Web Crawler for Automated Data Extraction

Developed a Python-based crawler to automate data collection across websites, enabling fast, reliable data for research and analytics.

Technologies Used: Python, Requests, Beautiful Soup

3.E-commerce Application

Created an e-commerce platform with secure transaction handling and inventory tracking, enhancing user experience and shopping efficiency.

Technologies Used: Java, MySQL

4.Smart Soil Moisture Monitoring System (IoT)

Developed an IoT system with a buzzer, LED, and LCD display to alert users when soil moisture falls below threshold. Integrated with MIT App for remote notifications, enabling timely watering reminders.

Technologies Used: ESP8266, PCB Design, MIT App Integration

5.Yoga Website

Currently building a yoga website with interactive animations to drive engagement and support community wellness.

Technologies Used: React.js, Framer Motion, Tailwind CSS

6.Smart Plant Watering System (IoT)

Engineered an automated watering system with remote monitoring through Blynk app, minimizing manual plant care with IoT integration.

Technologies Used: IoT, Blynk App

ACHIEVEMENTS

- Graduated from Samsung Innovation Campus
- 2nd Place: Prodathon for Best Idea Proposed under Cybersecurity
- 1st Place : VTU State Level Yoga Competition (2023-2024, 2024-2025)
- 2nd Place: VTU State Level Cultural Festival (Drama)