



Preetham P M

Date of birth: 25/10/2000 | Nationality: Indian | Gender: Male |
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Summary

Strong in Mobile Application Development. Proficient in Java, Python. Passionate about learning and implementing new projects. An enthusiastic Engineer, passionate and curious in the field of software development and Coding to create new things and gain knowledge. Quick learner with a positive attitude having the objective to achieve professional competency with integral and ethical values for delivering all tasks entrusted to me with dedicated skills and expertise.

Education

- **BMS Institute of Technology and Management** Bengaluru, Karnataka
B.E. in Electronics and Communication Aug. 2018 – Jun. 2022
Academic Profile
 - **CGPA: 8.50/10** (Until 5th Sem)
 - **Awards and Recognitions: Winner of PBL (Project Based Learning) 2018 at BMSIT out of 30 teams**
- **Sri Adichunchanagiri Independent PU College** Shivamogga, Karnataka
Intermediate Board Apr. 2016 – Mar. 2018
Academic Profile
 - Secured **96 %** in State Board of Pre-University Education, Karnataka
 - **Core Courses:** Physics, Chemistry, Maths, Biology, English, Kannada.
- **Priyadarshini English High School** Shivamogga, Karnataka
Matriculation Board Apr. 2013 – Mar. 2016
Academic Profile
 - **CGPA: 91.68%** in Karnataka Secondary Education Examination Board
 - **Core Courses:** Maths, Science, Social Science, English, Kannada, Hindi

Work Experience

- **Mobile Application Intern** Bengaluru, Karnataka,
The Sparks Foundation – Internship July 2021 – Present
Responsibilities:
 - Build Basic Banking Application.
 - Payment gateway integration.
 - Social media integration.
 - Testing using Selenium.

Online Courses & Certifications

- **Python Basics from Coursera** [Credential](#)
- **Python and Django Framework for Beginners Complete Course from Udemy** [Credential](#)
- **SQL Masterclass form Udemy** [Credential](#)
- **Introduction to HTML5 from Coursera** [Credential](#)
- **Introduction to CSS3 from Coursera** [Credential](#)
- **Cyber Security Global Virtual Internship** [Credential](#)

Projects

- **Smart Garbage System:**
 - Line following dustbin with auto sensor lib built with Arduino.
 - This bins motion sensor automatically opens the lid as it detects a movement around it.
 - The unique feature of this bin is that it is integrated with line following functionality which enables it to travel making it much more efficient with little human effort.
 - Receive First prize for the project in Project Base Learning competition held at Institute level contested by more than 30 teams.
- **“Griffey” The Smart Assistance:**
 - Voice-based smart personal assistance for automating things like reading and sending emails, playing music and keeping track of the schedule.
 - It is built using Python Programming Language.
- **“My Chat” the messenger Application:**
 - My Chat is a messenger android application built using Java, XML and Firebase.
 - Using this application anyone can send text messages to any of his contact who has registered.
 - The user interfaces are developed using XML, internal workings are made using Java, Firebase is used to store the data.
- **Ultrasonic Distance Finder:**
 - We use an Ultrasonic sensor to measure the distance between two points. The principle of operation for this sensor is measuring the distance travelled by sound in a given time.
 - The sensor generates high-frequency sound waves which hit the nearest obstacle and create an echo. The time taken for the echo to reach the sensor is determined.
 - It used to calculate the distance since the speed of sound in air is a known constant (343m/s). We can display this information on an LCD in centimetres or inches. All these actions are controlled using an Arduino.

Digital Skills

- **Operating Systems:** Windows, Linux
- **Programming Languages:** Java, Python, C++, C, SQL, MATLAB, Verilog HDL, HTML, CSS.
- **Productivity Software:** Eclipse, MATLAB, Android Studio.

Technical Skills

- Flutter
- Git
- Android Development
- Front End Development
- Django

Organisational & Interpersonal Skills

- Smart working.
- Analytical thinker.
- Good team worker with leadership quality.
- Self-Confident.

Hobbies

- Playing indoor and outdoor games.

Languages

- English, Kannada, Hindi.