



## Profile

My areas of expertise are web development. I thrive in collaborative environments, embrace continuous learning, and stay up-to-date with the latest industry trends. Let's connect and create something exceptional!

## About

**DOB** : 07 OCT 2001  
**CITY** : NAMAKKAL, TAMIL NADU

## Contact

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## Skills

- Adaptability
- Quick Learning
- Time Management
- Leadership
- Web Developments

## AREAS OF INTEREST

- Web Development
- Application Developments
- RDBMS

# VINETH K S

## JAVA DEVELOPER

## Education

### (2020-NOW)

**PSG COLLEGE OF TECHNOLOGY**  
*Electrical And Electronics Engineering (SANDWICH)*  
**CGPA : 7.72\***

### (2017 - 2020)

**MUTHAYAMMAL POLYTECHNIC COLLEGE**  
*Electrical And Electronics Engineering*  
**Percentage : 95 %**

### ( 2016 - 2017 )

**LITTLE ANGLES MATRICULATION HIGHER SECONDARY SCHOOL**  
**Percentage : 80.3 %**

## SKILL SET

**LANGUAGES** : CORE JAVA, SQL, C/C++ (Basics),  
Embedded C (Basics)

**TOOLS** : IntelliJ IDEA, Visual Studio Code, Code  
Blocks, Arduino IDE, Android Studio, Git, Arduino,  
Microsoft Excel

## Internship Details

### ( Jul 2022 – Aug 2022 )

#### TEKQUAD ELECTRONICS SOLUTION COIMBATORE

- Selecting required materials to build an electronic product
- Testing of various electronic circuits
- Quality analysis

## Training Details

### (Oct 2020 – Oct 2023 )

#### PSG INDUSTRIAL INSTITUTE, COIMBATORE.

- Manufacturing, Assembly and Testing of Induction Motors and Submersible Pumps

## PROJECT DETAILS

### ◆ IoT BASED UID CHARGING FOR ELECTRIC VEHICLES ( Jun 2023 – Oct 2023 )

- This project introduces a solution for **monitoring** the **battery parameters**.
- Verify the **payment status** of the vehicle in the charging station through Arduino.

**Tools: Code Editor & Language: Embedded C**

### ◆ CGPA CALCULATOR ( Sep 2023 – Oct 2023 )

- I developed a comprehensive **CGPA calculator APPLICATION** for the Department of EEE (SW), MECH (SW), PRODUCTION (SW) during my undergraduate studies using **Java for the backend processing**.
- This project demonstrated my strong programming skills and ability to create practical tools to assist in academic endeavors.

**Tools: Android Studio & Languages: java**

### ◆ IoT BASED INDUCTION MOTOR MONITORING SYSTEM ( Feb 2022 – Apr 2022 )

- This project introduces a solution for **monitoring the various parameters** of a motor through Arduino and the Arduino cloud to view real-time status information.
- This innovation enhances motor management and offers effortless **mobile-based** supervision of vital motor parameters, streamlining efficiency and control.

**Tools: Code Editor & Language: Embedded C**

### ◆ SMART MIRROR ( Sep 2022 – Nov 2022 )

- This project combines **front-end** expertise with **Raspberry Pi** hardware implementation, creating a multifunctional mirror.
- This project showcases a **dynamic display** of to-do lists, weather updates, daily news, and Bitcoin statistics, all elegantly integrated into the mirror's interface.
- The system's **wireless control** via a mobile phone adds an extra layer of convenience.

**Tools: Code Editor & Languages: HTML, CSS, JavaScript**

### ◆ SOLAR TRACKING SYSTEM ( Dec 2019 – Mar 2020 )

- Create the **servo motor control** code in the **embedded C** language using the Arduino IDE.
- PV surface that can be rotated/tilted around axes using servo motor to derive a proper angle that can help them get the maximum sunlight.
- This project exemplifies a sustainable approach to harnessing solar power with enhanced **precision and effectiveness**.

**Tools: Arduino IDE & Language: Embedded C**

## Mini Projects

### ◆ Personal responsive website Portfolio ( Feb 2023 )

### ◆ Motion Detection Using 8051 ( Mar 2022 )

## EXTRA CURRICULAR ACTIVITIES

- Arm wrestling **1st** place in intra college level.
- Javelin throw **1st** place in school level.
- Shotput throw **2nd** place in intra college event.
- Thug of war **2nd** place in intra college level.

## DECLARATION

I, VINETH.KS, do hereby declare that the information given above is true to the best of my knowledge.

  
( VINETH K S )