GOWTHAM GADDE

 **7032031199** **gowthamgadde2001@gmail**.  [**https://shorturl.at/hstvL**](https://shorturl.at/hstvL)

 **Portfolio: https://portfolio-gowtham.netlify.app/**

# Career Objective

"Recent CSE graduate with strong programming and problem-solving skills, seeking a challenging role to apply technical expertise in software development. Eager to contribute to a dynamic team, continuously learn, and grow professionally in the field of computer science."

## Education

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| --- | --- | --- |
| Bachelors of Technology | Presidency University (Computer Science and Engineering) | Bangalore.2019-2023  |
| INTERMEDIATE | Sri Chaitanya junior college | Vijayawada - Andhra Pradesh2017 - 2019  |
| 10TH CLASS  | Bharatiya Vidya Bhavans (CBSE) | Tadepalligudem - Andhra Pradesh.2017 |

**Projects :**

**Bike Crash Detection:**

• We have placed the proposed system on the surface of the vehicle.

• If an accident occurs, the sensors will trigger and send an alert to all the emergency Service units and preferred Family members too.

• We have used ESP32, which includes wi-fi and Bluetooth radios, making it easy to connect to the internet or other devices.

• By connecting the MPU6050 sensor to the microcontroller we can find any changes in the motion and can get a message of rash driving.

• Met Project deadlines without Sacrificing build quality or workplace safety.

**Tourism Website :**

 • Web Development Expertise: Proficient in HTML, CSS, and JavaScript, demonstrated through creating a dynamic and visually captivating tourism website

 • Designed and implemented a user-friendly navigation bar and engaging image carousel to enhance the overall tourist browsing experience.

 • Addressed challenges related to dynamic content presentation using JavaScript functions to implement interactive image sliders.

 • Integrated Design and Functionality: Seamlessly integrated design elements (HTML and CSS) with interactive functionality (JavaScript) to deliver a cohesive and engaging Tourism Website project.

**Smart Irrigation :**

 • This project regulates the water by sensing the soil quality and moisture and providing adequate moisture needed using motor pumps.

 • Utilizing user-friendly components like soil moisture sensors, Arduino boards, and water pumps, it's cost-effective and easy to set up.

 • With customizable watering schedules and robust reliability, users can optimize their irrigation while reducing water waste and costs.

 • The system's data-driven insights and scalability make it suitable for both small-scale gardens and large farms, contributing to environmental sustainability and improved crop yields.

## Technical Skills

* **Java**

• Proficient in foundational aspects of Java programming.

• Comprehensive understanding of constructors and constructor overloading.

• Strong grasp of encapsulation, inheritance, polymorphism, and abstraction.

• Demonstrates advanced expertise in handling and manipulating strings and arrays.

• Possesses in-depth knowledge in the field of exception handling.

• Exhibits strong competence in various aspects of Java collection framework.

* **Python**

• Demonstrated expertise with diverse data types in programming.

• Applied to adapt the use of operators for streamlined data manipulation.

• Strong proficiency in creating and implementing functions.

• Demonstrated robust expertise in essential data structures, encompassing lists, tuples, sets, and dictionaries.

* **SQL**

• Skillful in effectively employing joins and subqueries for complex data retrieval

• Demonstrates a thorough understanding and adept usage of various SQL statements.

• Proficient in applying advanced techniques for effective database normalization.

• Competent in utilizing a wide range of functions and operators to optimize SQL operations.

* **JAVASCRIPT**

• Well-acquainted with functions and proficient in working with objects.

• Solid knowledge of the Browser Object Model, including popups, timing functions, and event handling.

• Demonstrates a comprehensive understanding and proficiency in Document Object Model (DOM) and validation.

• Demonstrates a strong understanding and competence in the concept of hoisting and De-Structuring.

* **HTML**
* **CSS**

## Certifications

* + 2024 – Python (Hacker Rank)

<https://www.hackerrank.com/certificates/e12fe6b21788>

* + 2024 – SQL(Hacker Rank)

<https://www.hackerrank.com/certificates/36c408f4880c>

## Strengths:

* Positive Minded.
* Self-Motivated & Disciplined.
* Quick Learning Abilities.

 **Interests** :

* Playing Chess
* Exploring New Places
* Podcast-Enthusiast