Sumanth G

**Mobile:** +91-7013131740

**E-Mail id:** [guttasumanth1@gmail.com](mailto:guttasumanth1@gmail.com)

**Career Objective:**

A highly motivated and detail-oriented recent graduate with a strong foundation in SQL and basics of python. Seeking an entry-level position where I can apply my knowledge of SQL and data analysis to contribute to organizational success.

**Professional Summary:**

* A focused and goal-oriented engineering professional with zeal to make a winning career in Software Development and Testing with IT industry.
* Currently pursuing Data Analyst course with internship at Scholar Logic Institute.
* A go-getter with strong communication, coordination, analytical & networking capabilities.

**Internship:**

# Role: Data Analyst – Jun-2024 to till date at Scholar Logic Institute as Intern. Projects: Internal

1. **Student Enrolment System**:
   * Developed and administered a SQL database to monitor student enrolments, course offerings, and academic progress.
   * Designed relational tables and formulated queries to produce comprehensive reports for academic advisors. - Employed joins, subqueries, and indexing to enhance query performance and efficiency.

**Skills:**

* + **SQL**: Proficient in writing queries, joins, subqueries, and aggregations.
  + **Database Management**: Experience with MySQL.
  + **Data Analysis**: Basic understanding of data visualization tools like Power BI.
  + **Soft Skills**: Creativity, Adaptability, Problem Solving, Inter-Personal Communications Skills.

**University Projects:**

# Title: Melanoma Skin Cancer Segmentation and Classification ion using Machine Learning Algorithm.

**Objective:**

* + Developed an innovative approach for detecting melanoma skin cancer by segmenting and classifying skin lesions using advanced machine learning techniques.
  + Employed state-of-the-art image processing methods and convolutional neural networks to accurately delineate lesion boundaries from thermoscopic images.
  + Integrated XG-Boost algorithm and thresholding techniques for precise segmentation, achieving a segmentation accuracy of 0.84%.
  + Utilized a diverse set of machine-learning algorithms including support vector machines, deep neural networks, and XG-Boost for efficient classification of lesions as benign or malignant based on extracted features.
  + Addressed challenges such as dataset imbalances by implementing data augmentation and ensemble learning, resulting in an overall performance improvement of 80%.

**Conclusion:**

* + This project demonstrates the superior performance of the XG-Boost model, with 84% accuracy, for melanoma detection, enhanced by precise threshold-based segmentation. Our web-based application integrates these techniques, offering an effective tool for early and accurate

melanoma diagnosis. This work underscores the potential of AI in improving dermatological healthcare outcomes.

**Education:**

* + Bachelor of Technology in the stream of Computer Science & Engineering with GPA: 8.0 from

M.S. Ramaiah University of Applied Sciences (2020-2024), Bangalore, Karnataka.

* + Intermediate (XII) in the stream of M.P.C with 88 % from Sri Chaitanya Junior College (2018- 2020), Kurnool, Andhra Pradesh.
  + SSC (X) with 9.7 CGPA from Sri Chaitanya Schools (2014-2018), Anantapur, Andhra Pradesh.

**Hobbies & Interests:**

* + Hobbies: Sports, Reading, Travel
  + Interests: Photography

# Declaration: I Here declare that the above given information is correct to the best of my knowledge and belief.

**Place: Bengaluru** Sumanth G

# Date: