

# Vattikonda Sai Jayanth

Adm. No. 21BIT0733 📞 8074724599

✉ [vattikondasaijayanth@gmail.com](mailto:vattikondasaijayanth@gmail.com) 🏠 Sai Jayanth Vattikonda 🌐 [saijayanth-vattikonda](#) 📁 [Portfolio](#) 📄 [LeetCode](#)

## Education

<b>Vellore Institute Of Technology</b>	2021-Present
<i>Bachelor of Science in Information Technology (CGPA: 9.32 / 10.00)</i>	Vellore, TamilNadu
<b>Narayana Educational Institute</b>	2019-2021
<i>Board of Intermediate Education, MPC (Percentage: 96.8%)</i>	Hyderabad, Telangana
<b>New Vision High School</b>	2010-2019
<i>Board of Secondary Education (CGPA: 10.00/10.00)</i>	Khammam, Telangana

## Experience

<b>Samsung</b>	Feb 2024 – Aug 2024
<i>R&amp;D Research Project Intern</i>	Remote – [SRI-B]
<ul style="list-style-type: none"><li>• Extracted and processed dataset from the <code>override_list.pb.gz</code> file, which included labeled data for 50K websites.</li><li>• Classified websites according to Taxonomy v2 labels.</li><li>• Prepared and formatted the train-dev-test dataset, developed a baseline model, and evaluated its performance.</li><li>• Selected base model architecture for fine-tuning and established a training pipeline for multi-label classifications.</li></ul>	

## Projects

- Quiz App** | [Link](#) | [Github](#) | *HTML, CSS, JavaScript, jQuery, Json, Node.js, MongoDB, Express*
- Implemented a secure authentication system allowing faculty members to log in, create, and manage a database of quiz questions.
  - Designed a dynamic quiz generation system where students receive a random set of 5 questions per session, ensuring a unique quiz experience every time.
- Smart Parking System using ESP8266** | [Github](#) | *Arduino Programming, Internet of Things*
- Developed an innovative parking system using the ESP8266 WiFi module, enabling real-time monitoring and management of parking spaces.
  - Designed and implemented a web application template to access and visualize data from the WiFi module, leveraging Adafruit IO for efficient data handling and presentation.
- Real time Gait disorder analysis using SVM and KNN classifiers** | [Research Paper](#) | *Python, scikit-learn, Pandas, NumPy*
- Collaborated on a research project focused on real-time gait disorder analysis using SVM and KNN classifiers with Dr. KishoreRaja P C from VIT Vellore.
  - Utilized pre-trained models and datasets to analyze gait patterns and conducted data preprocessing to improve the accuracy of the models.

## Technical Skills

**Languages:** C++, Java, C, SQL, Python

**Technologies:** HTML, CSS, JavaScript, Express.js, jQuery, Bootstrap, Node.js, MongoDB, React.js

**Course Work:** Data Structures And Algorithms, Operating System, Database, Object-Oriented Programming System, Artificial Intelligence, Machine Learning, Internet Of Things, Embedded Systems

## Achievements

- Solved over 450+ DSA Questions on [LeetCode](#) with contest rating over 1600.
- Maintained a streak of over 200 days of tackling daily challenge questions on [LeetCode](#).
- VIT Value Added Course: Industry and 4.0 Enabling Technologies | [Certificate](#)
- Flipkart Grid 5.0 Software Development Track | [Certificate](#)

## Social Engagements

**Coordinator:** Student Coordinator for the Annual International Sports and National Cultural Festival Riviera'24.

**Club Member:** at IEEE-IAS Chapter (Technical) at VIT, Vellore, and Sahiti TLA Club (Cultural) at VIT, Vellore.

**Sports-Engagements:** Badminton, Cricket, Volleyball.