**Shravind Singh**

**SWE INTERN**

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**LinkedIn:** <https://www.linkedin.com/in/shravindsingh/> | **GitHub:** <https://github.com/Arsh2OP>

**Education**

* **Bachelor of Technology in Computer Science and Engineering**

R.D Engineering College – Ghaziabad, Uttar Pradesh | 2022-Present

Engaged in advanced coursework including Data Structures & Algorithms, Object-Oriented Programming with Python, and Computer Organization and Architecture.

* **Diploma in Mechanical Engineering**

Himalayan Garhwal University – Pauri Garhwal, Uttarakhand | 2020

**Skills**

**Technical Skills**

* **Programming Languages:** Java, Python, C++, SQL, and Pine Script.
* **Technologies & Tools:** Git, CSS/Bootstrap, Apache Spark, Scikit-learn and Azure.

**Soft Skills**

* **Problem Solving:** Ability to analyze complex problems and implement solutions.
* **Communication:** Strong verbal and written communication skills.
* **Critical Thinking:** Applied strategic problem-solving in coding, optimizing solutions.
* **Team Collaboration:** Led collaborative efforts in a diverse team and achieving goals.

**Interests**

* Exploring advanced topics in Artificial Intelligence and Machine Learning.
* Actively engaging in Competitive Programming challenges.
* Mastering and applying Data Structures & Algorithms for real-world applications.

**Projects**

**1. Stock Sentiment Analysis** **–** [**GitHub**](https://github.com/Arsh2OP/Sentiment-Analyzer)

* Developed a Stock Sentiment Analysis system, increasing accuracy of trades by 15%.
* Applied NLP techniques for news Sentiment Analysis, providing nuanced insights.
* Utilized Machine Learning to derive valuable insights from historical data.
* Reduced investment risk by 30% and increased annual returns by 12%.
* Conducted thorough backtesting to validate the effectiveness of the sentiment analysis.
* Implemented real-time monitoring mechanisms, ensuring continuous accuracy.

**2.Data Scraper –** [**GitHub**](https://github.com/Arsh2OP/Scraper)

* Designed a web scraper for Reddit and News Websites.
* Automated real-time data retrieval, improving accuracy by 20%.
* Enhanced the scraper's efficiency, reducing response time for data retrieval by 25%.
* Processed scraped data, ensuring high-quality input for subsequent analyses.
* Implemented error handling for reliable data scraping, improving errors 20%.

**3.Multimodal Chat Bot –** [**GitHub**](https://github.com/Arsh2OP/SIH_BOT)

* Engineered Chatbot, integrated text and voice inputs.
* Incorporated NLP for user intent understanding, reducing response time by 25%.
* Integrated prerecorded voice responses, improving user retention by up to 40%.
* Facilitated meaningful conversations to engage users actively.
* Connected with 100s of students, enhancing their understanding of the project.

**Certifications**

* Python Data Structures | University of Michigan - Coursera
* Getting Started with Python | University of Michigan - Coursera
* Java Introduction | Learn Quest - Coursera
* Python Type Annotations | Udemy

**Professional Development**

* Actively engaging in continuous learning.
* Consistently exploring emerging technologies.
* Actively engaging with the development community.