# **Internship Stats**

| **Name** | **Numbers** |
| --- | --- |
| Duration of Internship | 24 Days |
| Total Time Spent on Internship | 90 Hours |
| Number of Tasks Completed | 5 |
| Number of Commits Made to the Repository | 0 |

**Challenges Faced During the Internship**

1. **First Industry Experience**: As this was my first experience in the industry, it was initially overwhelming. Navigating the professional environment and understanding the expectations took some time and effort.
2. **Time Management:** Managing time effectively was a significant challenge, which ultimately led to the internship ending earlier than planned. Balancing the workload and setting realistic deadlines were crucial in addressing this issue.
3. **Team Coordination:** Having primarily worked alone in the past, adjusting to a team setting was a new experience. It took time to adapt to collaborating with others and understanding the dynamics of working in a group.
4. **Rapid Learning of New Technologies:** The fast-paced nature of the internship required learning new technologies quickly, such as mastering Postman in a day. Although it was not used in the end, this experience highlighted the importance of adaptability and continuous learning.
5. **Communication and Coordination**: Regular communication with the team was essential, but sometimes led to misunderstandings. For example, I connected a MongoDB database using Node.js, only to later learn that Flask was the intended technology. This experience emphasized the importance of clear communication and alignment with team goals.

# **Projects Worked Upon**

* Journaling Bot

**Major Learnings from the Internship**

**Navigating through Notion:** Gained proficiency in using Notion as a project management and collaboration tool, which helped in organizing tasks, tracking progress, and sharing information with the team.

**Importance of Documentation**: Initially underestimated the value of documenting work, but later realized its significance in maintaining clarity, ensuring smooth handovers, and facilitating future reference.

**Leveraging Technologies Effectively**: Learned to make the most of available technologies, such as GPT-4 provided by MunshiG, which served as the backbone for various tasks completed during the internship.

**Meeting Deadlines**: Acquired the skill of converging all work before the deadline, which involved prioritizing tasks, managing time efficiently, and coordinating with team members to ensure timely completion.

**Brainstorming and Peer Feedback**: Gained experience in brainstorming ideas, iterating on concepts, and learning from peer feedback. This process helped in refining ideas, fostering creativity, and improving the overall quality of work.

# **Skills Acquired**

**Chatbot Deployment on Telegram**: Learned how to create and deploy a chatbot on the Telegram platform, which involved understanding the Telegram API, designing conversation flows, and integrating with backend services.

**Database Management**: Gained experience in using various databases, which included setting up, querying, and managing data effectively to support application development and data analysis tasks.

**Git and Version Control**: Became familiar with Git and its branching model, which facilitated effective collaboration with the team, managing code versions, and ensuring smooth integration of individual contributions.

**Speech Recognition:** Strengthened my knowledge and skills in the area of speech recognition, which was previously a weak point. This improvement allowed me to better understand and work with voice-based applications and technologies.

**Postman Proficiency**: Learned how to use Postman effectively for API testing and development, which involved understanding its features, creating and managing requests, and analyzing responses to ensure seamless API integration.

# **Experience as a Developer Intern**

Initially, I was quite terrified of the professional setting, as it was my first time working on a real-world project. I am extremely grateful to my teammates for their constant encouragement and support throughout the journey. The learning curve was exponential, with new knowledge and skills gained almost every other day.

I am glad that my first internship was remote, as it provided valuable insights into what a real firm would expect from me. One of my major drawbacks, which I have been working on rectifying (though not fully yet), is asking for help and clarifying doubts. I have come a long way in this journey and will continue to improve in this aspect.

# **Duties and Responsibilities**

* **Brainstorming for Bots:** Brainstormed ideas for a journaling bot and a financial advisory bot, and created a PowerPoint presentation on the financial bot to showcase its features and potential use cases.
* **OpenAI API Integration:** Integrated the OpenAI API with the journaling bot to enhance its capabilities and provide more intelligent and context-aware responses.
* **Database Management:** Merged a MongoDB database with the Telegram bot to store user entries, which involved setting up the database, designing the schema, and implementing data storage and retrieval functions.
* **Food Calorie Counter Development:** Initiated and contributed to the development of a food calorie counter, which was built using a pre-trained model. Assisted in refining the model and integrating it with the application.
* **Micro-services (Incomplete):** Assigned the task of working on micro-services during Sprint-2. However, due to end-semester exams, I was unable to complete this task within the given timeframe.

# **Expectation vs Reality**

Initially, I was uncertain about what the future would hold for me during the internship, but it turned out to be a brighter experience than I had anticipated. To be honest, I found it challenging at first to adjust to strict timelines, always be focused, and work with a team towards a singular goal. However, through a regular process of learning and adapting, I gradually became accustomed to this professional environment and was able to fully appreciate its benefits. The internship provided me with valuable insights and experiences that will undoubtedly contribute to my future growth and success.

# **What I Loved**

* **Helpful and Collaborative Teammates**: I truly appreciated the supportive and cooperative nature of my teammates, who were always willing to help and share their knowledge, making the learning experience enjoyable and productive.
* **Flexible and Adjustable Timings**: The internship offered flexibility in terms of work hours, which allowed me to manage my time effectively and maintain a healthy work-life balance.
* **Understanding for Genuine Reasons**: The company was understanding and accommodating when it came to granting leave for genuine reasons, which demonstrated their care for employees' well-being and personal circumstances.
* **Leveraging Modern-Day Technology**: The opportunity to work with cutting-edge technologies and tools was an exciting aspect of the internship, as it allowed me to stay up-to-date with industry trends and enhance my skill set.
* **Vision for an AI-Celebrated Future**: The company's forward-thinking vision for embracing artificial intelligence and its potential applications inspired me and provided a sense of purpose and direction for my work during the internship.

# **What I Hated**

* **Lack of Official Holidays**: Although the internship offered flexible timings, there were no official holidays. I believe that granting at least one holiday per week would have been beneficial for maintaining a healthy work-life balance and preventing burnout.
* **Not Documenting Progress Initially**: In the beginning, I did not document my progress, which later proved to be detrimental to my overall growth. I realized the importance of documentation in keeping track of my work, ensuring smooth handovers, and facilitating future reference.
* **Not Actively Participating in Discussions:** Being new to the work culture, I was initially hesitant to actively participate in discussions. This experience taught me the value of engaging in conversations and how much they can contribute to long-term success and learning.
* **Focusing on Strengths Over Weaknesses**: During the internship, I tended to focus more on my strengths rather than addressing my weaknesses. In hindsight, I recognize the importance of working on areas that need improvement to become a well-rounded professional.

# **What Are You Proud of**

* **Learning How to Create Bots**: I am proud of acquiring the skills to create and deploy chatbots, which involved understanding various APIs, designing conversation flows, and integrating with backend services.
* **Learning about Git/GitHub**: Gaining proficiency in Git and GitHub for version control and collaboration was a significant achievement.
* **Learning about Postman**: Mastering Postman for API testing and development was another accomplishment.
* **Learning about Database Management**: Acquiring knowledge and skills in database management, including setting up, querying, and managing data effectively, was an essential part of my growth during the internship.
* **Understanding Team Dynamics**: I am proud of learning how a fully functional team works, taking advantage of each other's strengths, and collaborating effectively to achieve common goals. This experience has provided me with valuable insights into teamwork and professional collaboration

# **What I Regret**

* **Hesitation in Asking Doubts and Participating in Discussions**: I regret not being able to overcome my hesitant nature and actively engage in discussions or ask doubts. This limited my learning potential and the opportunity to contribute more effectively to the team.
* **Not Completing the Internship Due to End-Semester Exams**: I regret not being able to finish the internship due to my end-semester exams, which prevented me from fully experiencing the internship and achieving all the intended learning outcomes.
* **Ineffective Communication with Teammates**: I regret not communicating more effectively with my teammates, which led to several issues and misunderstandings. This experience has taught me the importance of clear and open communication in a professional setting.
* **Not Fully Embracing the "No Doubt is Silly" Mindset:** I regret not fully adhering to the belief that "no doubt is silly," which would have encouraged me to ask more questions and seek clarification when needed. This mindset is crucial for continuous learning and growth in any professional environment.

# **Most Memorable Experience**

* **First Team-Bonding Session (KYC)**: The initial team-bonding session was a memorable experience, as it allowed me to get to know my teammates on a personal level and engage in enjoyable conversations beyond work-related topics.
* **Resolving the OpenAI Issue**: During Sprint 1, the bot was producing gibberish answers, which led to the entire team coming together to troubleshoot the problem. After three days of constant tweaking and collaboration, we successfully resolved the issue, making it a memorable and rewarding experience.
* **Last-Minute Completion of PPT Showcase**: In the initial phase of the PowerPoint showcase, completing the work in the final few minutes was an unforgettable experience. The adrenaline rush and the satisfying feeling of accomplishment after meeting the deadline made it a standout moment during the internship.

**Thoughts on Culture of munshiG**

My overall experience at MunshiG was very positive, with a healthy workflow that included task assignment and daily progress discussions. This environment helped me realize the effectiveness and benefits of working in a team compared to working individually.

The constant motivation and guidance from Nishant and Shobit sir played a crucial role in shaping MunshiG's future into something truly spectacular. The company culture was supportive, collaborative, and technology-driven. Instead of relying solely on established technologies, MunshiG is willing to take calculated risks to leverage the best and most innovative technologies in the industry.

This forward-thinking approach and commitment to embracing cutting-edge solutions make MunshiG an exciting and inspiring place to work and grow as a professional.