

Towards Sustainable Living

**INTERNSHIP OFFER LETTER**

**13th JAN 2024**

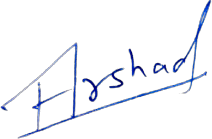
# Dear Shaishav Surati (210280107503),

Hope this letter finds you well. I am pleased to extend greetings from Urbanlyfe.

We are excited to offer you an internship position as an **AI Developer** intern with Urbanlyfe. This internship will provide you with valuable experience and exposure to real-world AI development projects and techniques and will be an excellent opportunity to develop your skills and knowledge in the field. As an AI intern, you will work closely with our team of experienced AI developers, data scientists, and engineers, assisting with data collection, analysis, and visualization. You will be involved in developing machine learning models, designing experiments, and helping to develop data-driven solutions to complex problems.

The internship will be for a period of 15 weeks, starting from **15/01/2024** and ending on **22/04/2024**. You will be expected to work 16 hours per week, reporting daily and attending meetings with the team leader. This is a non-paid internship, you will receive a certificate of completion once you complete the duration.

We look forward to a worthwhile and fruitful association that will equip you for future projects. Wishing you the most enjoyable and truly meaningful internship program experience.

Thanking You.

# Arshad Qureshi

Founder, Urbanlyfe

URBAN LYFE GREEN PRIVATE LIMITED | CIN U72900GJ2022PTC128721

[www.urbanlyfe.green](http://www.urbanlyfe.green/) | [info@urbanlyfe.green](http://info@urbanlyfe.green/) | +91 90165589 24

Address: 1332/2, Champa Mills Chawl, Kachni Masjid, Jamalpur, Ahmedabad, Gujarat 380001. [LinkedIn](https://www.linkedin.com/company/urban-lyfe/)/[Twitter](https://twitter.com/urbanlyfegreen)/[Instagram](https://www.instagram.com/urbanlyfe.green/)

# Annexure 1 Enrollment no:

210280107503



# NAME OF STUDENT:

## SURATI SHAISHAV PRAVINBHAI

**DIARY OF THE WEEK: Dt:** 15/01/24 **TO**

## 19/01/24

**DEPARTMENT:** COMPUTER ENGINEEERING DEPARTMENT **SEM:**

## 8th

**NAME OF THE ORGANISATION:** L.d College Of Engineering

# NAME OF THE PLANT/SECTION/DEPARTMENT:

Urbanlyfe

# NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT:

Mr. Arshad Qureshi **\_**

**DESCRIPTION OF THE WORK DONE IN BRIEF**

## Week 1: Orientation and Introduction

1. \*\*Acquaintance with Company Environment\*\*:

* Focus on understanding the workplace environment, including office layout, facilities, and basic protocols.
* Introduce yourself to colleagues and key team members to start building professional relationships.

1. \*\*Company Culture and Values Exploration\*\*:

* Dive into materials that outline the company's culture, values, and mission statement.
* Reflect on how these values align with your own and how you can contribute positively to the company culture.

1. \*\*Team Dynamics Observation\*\*:

* Observe team interactions and dynamics to understand how different roles collaborate within the organization.
* Pay attention to communication styles, team structures, and project workflows.

1. \*\*Introductory Materials Review\*\*:

* Engage with introductory materials provided by the company, which may include employee handbooks, training videos, or internal documentation.
* Take notes on important policies, procedures, and company history.

1. \*\*Technology Familiarization\*\*:

* Explore the tools and technologies commonly used in AI development at the organization, such as Python, TensorFlow, or PyTorch.
* Install necessary software and set up development environments as required.

1. \*\*Introductory Tutorials and Exercises\*\*:

* Participate in introductory tutorials and exercises designed to refresh your understanding of fundamental concepts in machine learning and deep learning.
* Practice coding exercises to brush up on Python programming skills and basic algorithms.

1. \*\*Foundation Setting\*\*:

* Reflect on the week's activities to ensure you have a solid understanding of the company's ecosystem, including its culture, technology stack, and workflow processes.
* Seek clarification on any areas of confusion or uncertainty from mentors or supervisors.

1. \*\*Comfort Establishment\*\*:

* Aim to feel comfortable and integrated within the company environment by the end of the week.
* Embrace a learning mindset and remain open to new experiences and challenges that lie ahead in your internship journey.



**TOTAL HOURS:**

30

**SIGNATURE OF STUDENT**

**The above entries are correct and the grading of work done by Trainee is EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR**

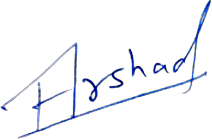
**Signature of Faculty Mentor**

**Signature of officer-in-charge of Dept. / Section / Plant**

**Date:**

**Date:**

**Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.**



# Annexure 1

**Enrollment no:** 210280107503



**NAME OF STUDENT:** SURATI SHAISHAV PRAVINBHAI

**DIARY OF THE WEEK: Dt:** 22/01/24 **TO**

## 26/01/24

**DEPARTMENT:** COMPUTER ENGINEERING DEPARTMWENT **SEM:**

## 8th

**NAME OF THE ORGANISATION:** L.d. College Of Engineering

**NAME OF THE PLANT/SECTION/DEPARTMENT:** Urbanlyfe Office

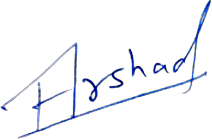
# NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT:

**DESCRIPTION OF THE WORK DONE IN BRIEF**

Week 2: Introduction to Data Preparation and Preprocessing

* Transition into data preparation and preprocessing, a critical aspect of AI development.
* Understand the importance of high-quality data for machine learning models.
* Learn various methods used to collect, clean, and preprocess datasets.
* Dive into hands-on exercises focusing on real-world datasets.
* Apply techniques such as data cleaning, normalization, and augmentation.
* Gain insights into the data pipeline and its significance in AI development.
* Understand how the quality of input data impacts machine learning model performance.
* Aim to feel confident in handling and preprocessing data effectively by week's end.
* Use this confidence to prepare for more advanced AI tasks in the subsequent weeks.

Mr. Arshad Qureshi **\_**



**TOTAL HOURS:**

30

**SIGNATURE OF STUDENT**

**The above entries are correct and the grading of work done by Trainee is EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR**

**Signature of Faculty Mentor**

**Signature of officer-in-charge of Dept. / Section / Plant**

**Date:**

**Date:**

**Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.**

# Annexure 1 Enrollment no:

210280107503



# NAME OF STUDENT:

## SURATI SHAISHAV PRAVINBHAI

**DIARY OF THE WEEK: Dt:** 29/01/24 **TO**

## 02/02/24

**DEPARTMENT:** COMPUTER ENGINEERING DEPARTMENT **SEM:**

## 8th

**NAME OF THE ORGANISATION:** L.D. College Of Engineering

# NAME OF THE PLANT/SECTION/DEPARTMENT:

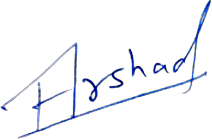
## Urbanlyfe Office

**NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT:** Mr. Arshad Qureshi **\_**

**DESCRIPTION OF THE WORK DONE IN BRIEF**

**Week 3: Model Development**

* **Focus shifts to model development, delving deeper into machine learning algorithms and neural networks.**
* **Begin with understanding foundational concepts of different types of models, such as linear regression and logistic regression, along with their applications.**
* **Implement basic models like linear regression and logistic regression from scratch using Python and relevant libraries.**
* **Engage in hands-on experimentation to gain practical experience with these basic models.**
* **Progress to exploring more complex models, such as convolutional neural networks (CNNs) and recurrent neural networks (RNNs).**
* **Learn about the applications of CNNs and RNNs in tasks like image recognition and natural language processing.**
* **Experiment with implementing CNNs and RNNs using Python and relevant libraries.**
* **By the end of the week, develop a solid understanding of model development fundamentals, including basic and complex models.**



**TOTAL HOURS:**

30

**SIGNATURE OF STUDENT**

**The above entries are correct and the grading of work done by Trainee is EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR**

**Signature of Faculty Mentor**

**Signature of officer-in-charge of Dept. / Section / Plant**

**Date:**

**Date:**

**Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.**

# Annexure 1 Enrollment no:

## 210280107503



**NAME OF STUDENT:** SURATI SHAISHAV PRAVINBHAI

**DIARY OF THE WEEK: Dt:** 05/02/24 **TO**

## 09/02/24

**DEPARTMENT:** COMPUTER ENGINEERING DEPARTMENT **SEM:** 8th

**NAME OF THE ORGANISATION:** L.D. College Of Engineering

# NAME OF THE PLANT/SECTION/DEPARTMENT:

## Urbanlyfe Office

**NAME OF OFFICER INCHARGE OF THE PLANT/SECTION/DEPARTMENT:** Mr. Arshad Qureshi **\_**

**DESCRIPTION OF THE WORK DONE IN BRIEF**

## Week 4: Advanced Topics in AI

* Exploration of Advanced Topics: In week four, you'll delve into advanced topics in AI, moving beyond the basics to explore more complex concepts. This includes areas such as reinforcement learning, natural language processing (NLP), computer vision, and other cutting-edge topics.

## Engagement with Research Papers and Tutorials: You'll engage with research papers, tutorials, and online resources to deepen your understanding of these advanced concepts. This involves studying the latest developments in AI research and gaining insights into their practical applications.

* Participation in Discussions and Workshops: Take part in discussions and workshops facilitated by experienced professionals in the field. This provides an opportunity to exchange ideas, learn from others' experiences, and stay updated on current trends and advancements in AI technologies.

## Brainstorming for End-of-Internship Project: As you immerse yourself in these advanced topics, begin brainstorming ideas for your end-of-internship project. Consider areas where you can apply your newfound knowledge and skills to address real-world problems or make significant contributions to the field of AI.

* Setting the Stage for the Final Project: This week serves as a pivotal point in your internship journey, laying the groundwork for the final phase. It's a time to consolidate your learning, identify your areas of interest, and prepare to embark on a challenging and rewarding project that showcases your expertise in AI development.



**TOTAL HOURS:**

30

**SIGNATURE OF STUDENT**

**The above entries are correct and the grading of work done by Trainee is EXCELLENT / VERY GOOD / GOOD / FAIR / BELOW AVERAGE / POOR**

**Signature of Faculty Mentor**

**Signature of officer-in-charge of Dept. / Section / Plant**

**Date:**

**Date:**

**Grading of Work, for trainee may be given depending upon your judgement about his Punctuality, Regularity, Sincerity, Interest taken, Work done etc.**

