



PYTHON PROGRAMMING INTERNSHIP PROGRAM

level I

SkillNova

www.skillnovatech.in



WELCOME TO OUR INTERNSHIP PROGRAM

- Kickstart Your Machine Learning Career
- Gain hands-on experience & build real-world projects
- Earn a valuable internship certificate



ABOUT US

SKILLNOVA

is a vibrant and diverse community that brings together individuals with similar objectives and ultimate goals. Our main focus is on creating opportunities that span various areas, including leadership development, learning, student engagement, and fostering shared interests.

We believe in the power of leadership and its ability to drive positive change. That's why we provide platforms and resources for our community members to develop their leadership skills. Through mentorship programs, workshops, and collaborative projects, we empower individuals to take on leadership roles and make a difference in their respective fields.





INSTRUCTIONS

UPDATE YOUR LINKEDIN PROFILES
FOR A WEB DEVELOPMENT INTERNSHIP, YOU WILL NEED TO
COMPLETE ANY THREE PROJECTS AT YOUR CONVENIENCE
FOR SUCCESSFUL COMPLETION OF THE INTERNSHIP.

MAINTAIN A SEPARATE GITHUB REPOSITORY
(NAME SKILLNOVA FOR ALL THE TASKS AND SHARE THE LINK
OF THE GITHUB REPO IN THE TASK SUBMISSION FORM.
(IT WILL BE GIVEN LATER THROUGH EMAIL).

YOU CAN REFER TO ONLINE RESOURCES SUCH AS GOOGLE SEARCH
AND READ TUTORIALS.



SUBMISSION

A TASK SUBMISSION FORM will be shared later through email.

Till then please continue your task.

A video need to be created to showcase your work, demo of your effort.

The video can be hosted on LinkedIn for proof of your work and build credibility among your peers.

You can tag SkillNova in such post s.

Please add #SkillNova in each of your task video pos tings on LinkedIn, Additionally, you can al so add hashtags such as #internship #datascience. for more reach and visibility.





INTERNSHIP STRUCTURE

- Duration: 4 Weeks
- Mode: Online, Self-Paced
- Components: Weekly MCQs + Final Project
- Assessment: Complete all assignments & submit the projects



WEEKLY ASSIGNMENTS SCHEDULE

- Week 1: Python Basics[Variables , Data Types etc].
- Week 2: Data Structures (Lists, Tuples, Dictionaries, Sets).
- Week 3: Object-Oriented Programming (OOP).
- Week 4: Exception Handling & File Handling.



WEEKLY PROJECTS SCHEDULE

- Week 1: To-Do List Application.
- Week 2: Password Generator.
- Week 3: Calculator App.
- Week 4: Guess the Number Game.



FINAL PROJECT SUBMISSION

- Choose three project from the given options
- Implement concepts learned during the internship
- Submit the project before the deadline



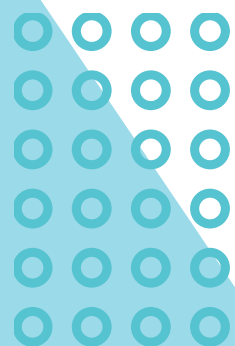
PROJECT 1 : TO-DO LIST APPLICATION (BEGINNER)

📌 Concept: A simple to-do list where users can add, view, and delete tasks.

🔧 Tech: Python, Lists

📌 Features:

- Add and remove tasks
- Display all tasks





PROJECT 2: PASSWORD GENERATOR

📌 Concept: Generate random strong passwords based on user preferences.

🔧 Tech: Python, random & string modules

📌 Features:

- Generate passwords with a mix of uppercase, lowercase, numbers, and symbols
- User selects the password length



PROJECT 3: CALCULATOR APP

📌 Concept: A simple command-line calculator that performs basic arithmetic operations.

🔧 Tech: Python, Functions


📌 Features:

- Addition, subtraction, multiplication, and division
- User input validation to avoid errors (e.g., division by zero)



PROJECT 4: GUESS THE NUMBER GAME



 Concept: The program randomly selects a number, and the user has to guess it.

 Tech: Python, random module

 Features:

- User gets hints if their guess is too high or too low
- Keeps track of the number of attempts







CERTIFICATE & COMPLETION

- Complete all assignments & submit your final project.
- Receive your internship certificate.
- Enhance your resume & boost your career.



CONTACT & SUPPORT

- Email: contact.skillnova@gmail.com 
- Website: skillnovatech.in 
- Follow us on Social Media 