

Anshuman ray

Linkedin: www.linkedin.com/in/anshumanray2004

Email: raianshuman.ar@gmail.com

Github: github.com/anshumanra

Mobile: +91-7889718918

Skills

- **Languages:** Java , Python
- **Tools/Platforms:** Selenium , android studio , Eclipse , Postman , Soap UI
- **Soft Skills:** Time management , Creativity , Project Management , Leadership

Internship

Code alpha

April 1 2024 - May 1 2024

Python Programing Intern

- **About:** Done some project during this internship like hangman game, basic chatbot and stock portfolio tracker , learn how to use some specific libraries like NLTK and learned how to integrate API
- **Tech stacks used:** Python

Projects

● Hangman game

Interactive Gameplay: Includes difficulty levels (easy, medium, hard) with unique word lists and real-time feedback on guesses.

Dynamic Word Reveal: Updates hidden words progressively as letters are guessed correctly.

Robust Logic: Validates inputs, tracks attempts, and ensures clear win/loss outcomes with 7 chances.

● Basic chatbot

Interactive Conversation: Developed a Python chatbot capable of responding to user inputs with predefined patterns and dynamic, context-aware responses.

Natural Language Processing: Used the **NLTK library** to tokenize, tag, and analyze user input, enabling more natural and engaging interactions.

Custom Patterns: Designed response patterns for common queries and fallback prompts for smoother conversations, enhancing user experience.

● Stock portfolio Tracker

Real-Time Stock Tracking: Developed a Python-based tool to manage and track stock portfolios, fetching real-time stock prices using the **Alpha Vantage API**.

User-Specific Portfolios: Implemented in-memory storage to maintain individual user portfolios, enabling personalized stock management (add/remove stocks).

Dynamic Features: Allows users to view stock prices instantly and interact with a simple menu-driven interface for seamless portfolio management.

● E-Commerce API Testing

Backend Simulation: Built a mock e-commerce backend using JSON Server with endpoints for products, users, carts, and orders.

REST API Validation: Automated testing using REST-assured and JUnit to verify status codes, data formats, and endpoint behavior.

Business Logic Checks: Ensured accuracy of pricing, stock filtering, size selection, order status transitions, and user detail validation.

Certificates

- Python basics

April 2025

Certificate link:- <https://coursera.org/verify/G70T284BCVK3>

Gained foundational knowledge in Python programming, including data types, control structures, functions, and basic error handling. Developed practical coding skills by writing scripts to solve real-world problems and built a strong base for further learning in data analysis and automation.

- Web and Mobile Testing with Selenium by University of Minnesota

December 2024

Certificate link:- <https://coursera.org/verify/5D9GYIB7IEL2>

Gained practical experience in functional and non-functional testing for web and mobile applications. Learned to use Selenium for automation, conduct security and performance testing with tools like JMeter, and handle mobile-specific testing scenarios, including gestures and emulators.

- Data structure and algorithm by Board infinity

May 2024

Certificate link

Developed a solid understanding of data structures and algorithms, focusing on their application in problem-solving and coding interviews. Gained proficiency in implementing various data structures, analyzing algorithm efficiency, and applying these concepts to real-world scenarios.

Education

Lovely Professional University

Punjab, India

Bachelor of Technology - Computer Science and Engineering;

Since August 2022

Kendriya Vidyalaya No.1 Amritsar Cantt

Punjab, India

Senior secondary Education

April 2021-March 2022

Kendriya Vidyalaya No.1 Amritsar Cantt

Punjab, India

Secondary Education

April 2019-March 2020