

# SHIVAM ANAND

+91 8317026530 | **Gmail:** shivamanand9009@gmail.com | Varanasi, Uttar Pradesh, India | [LinkedIn\(url\)](#) | [GitHub\(url\)](#)

## EDUCATION

**Chandigarh University Mohali, Punjab, India**

July 2020 - June 2024

Bachelor of Engineering(B.E) – **Computer Science** | **CGPA:7.79**

**Relevant Coursework:** Data Structures and Algorithms, Machine Learning, **Object-Oriented Programming**, Database Management Systems

## TECHNICAL SKILLS

**Programming Languages** : HTML, CSS, JavaScript, C, C++, SQL, Python

**Frameworks & Libraries** : **ReactJS**, Bootstrap, Redux

**Software and Tools** : **Git**, **GitHub**, **MySQL**, VS Code, Postman, SQLite, MongoDB

## PROFESSIONAL EXPERIENCE

**Internship** | IBM ()

December 2022 - February 2023

*Machine Learning & Artificial Intelligence Intern*

- Led the development of a "**Sign Language Recognition**" system using **Python** and **Jupyter Notebook**.
- Implemented machine learning algorithms for gesture recognition, achieving high accuracy rates.
- Collaborated with a team to apply statistical analysis and modeling techniques.

**Training** | Internshala ()

June 2022 - July 2022

*Programming with Python Summer Training*

- Completed a **6-week** online **Python** training program with Internshala.
- Mastered **Object-Oriented Programming** (OOPs) concepts for practical application.
- Proficiently connected to **SQLite** databases, optimizing data management efficiency.
- Engineered interactive applications by crafting a graphical user interface (**GUI**) using **PyQt**.
- Spearheaded the development and successful implementation of an online Cricket Fantasy Game using **Python**, **SQL**, **GUI**, and **PyQt5**, and showcasing prowess in full-stack development and game design.

## PROJECTS

**Text2Image Snap**([Link](#))

August 2024 – August 2024

- Developed a **web app** that converts text into images using the **OpenAI API**.
- Implemented instant image generation, customizable outputs, and a responsive gallery.
- Built with **HTML**, **CSS**, and **JavaScript** to handle form input, **API requests**, and dynamic image display.
- Enabled image downloads and error handling for seamless user experience.

**Key Technologies:** HTML, CSS, JavaScript, OpenAI API.

**Travel.com**([Link](#))

March 2024 – April 2024

- Developed a web app for browsing travel destinations, booking, and managing trips.
- Implemented user registration, search functionality, and responsive design.
- Utilized HTML, CSS, JavaScript, PHP, and MySQL for frontend, backend, and database integration.

**Key Technologies:** HTML, CSS, JavaScript, PHP, MySQL

**Sign Language Recognition**([Link](#))

December 2022 – February 2023

- Developed a **real-time sign language recognition system** to **translate gestures for the hearing-impaired**.
- Focused on recognizing numbers, alphabet letters, and various hand gestures.
- Utilized **Python**, **Jupyter Notebook**, and libraries such as **OpenCV**, **NumPy**, **TensorFlow**, **PyTorch**, and **scikit-learn**.

**Key Tools:** Python, Jupyter Notebook, OpenCV, NumPy, TensorFlow, PyTorch, scikit-learn.

## ACHIEVEMENTS AND CERTIFICATES

- **Artificial Intelligence Fundamentals** | ( IBM SkillsBuild) February-2023
- **HTML, CSS, and JavaScript for Web Developers**| (Coursera | Johns Hopkins University) February-2022