

SHIVA PANDEY

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Introduction

I am a *Python Software Developer* | *Frontend Web Developer* | *Computer Hardware expert* | *Tech enthusiast*, from Hyderabad, Andhra Pradesh, India.

I am Constantly fascinated by the latest advancements in the Tech field. With an insatiable curiosity, I thrive on learning and expanding my knowledge base.

In addition to my love for Technology, I am a passionate traveler. Exploring new cultures and embracing different experiences fuels my creativity and problem-solving abilities.

Driven by my innate curiosity, I approach challenges with a mindset of continuous growth and discovery. I am eager to contribute my skills and passion to the dynamic world of Tech.

Skill Highlights

FrontEnd Web Developer

- HTML | CSS | JS
- React Js (Basics)
- UI/UX design

Python Programming

- Python (Intermediate)
- Machine learning | Data Science
- Data Visualization (IBM Cognos)

Other Skills

- Problem Solving
- Creative Design
- Fast Learner

Experience

Self-Web Developer - 04/2023 to Current

- Incorporating Modern Designs to personal frontend web projects.
- Develop Website projects with Responsive design for all Devices.
- Work in teams with colleagues in several Competition winning projects.
- Writing clean and Optimized code for third party readability and understanding.
- Building quality modern and responsive websites.

Python Developer - 02/2023 to Current

- Building Python projects that incorporate major programming concepts like oops and API calls
- Learnt Python libraries such as: "Pandas", "Numpy", "Tkinter", "Matplotlib", "Text-to-speech", "Open-ai" etc.
- Incorporating Machine learning and AI models into projects with API: "Open-AI API", "Youtube-data-V3 API"

Projects

Python Projects

- **Desktop Voice-Chat:** Python-based voice-activated chatbot with a graphical user interface (GUI) created using the tkinter library. The chatbot utilizes OpenAI's GPT-3.5 model for natural language processing and speech recognition to interact with users. You can have a conversation with the chatbot by speaking, and it responds with text-to-speech.

Workings: The desktop app processes users voice and sends the voice in text form to the Open Ai Api, then the chatgpt generates a response and sends it to the app which then converts the response into voice that the user can hear. This makes it into an engaging conversation with the ai model.

Github Link: # <https://github.com/Shivastoic/Desktop-Voice-ChatBot-app.git>

- **Encoder Decoder:** The Encoder Decoder App is a Python application built using the Customtkinter library. It allows users to encode and decode messages using a provided key. The encoding is done using a simple algorithm, and the result is displayed in the application's graphical user interface

Workings: The Desktop app provides a input fields for user message and private key. User can share the private key with the desired person that can use the key to decrypt the message into readable form. The app uses base64 library to encrypt and decrypt the messages.

Github Link: # <https://github.com/Shivastoic/Encoder-Decoder.git>

Web Development Projects

- **Women Empowerment landing Page:** Women Empowerment wensite Landing page build using HTML, CSS, JS. A platform For educating, providing employment and in demand market skills to women that have left behind their career for their home responsibility.

Github Code: # <https://github.com/Shivastoic/Women-empowrment-landing-page.git>

Live Demo: # <https://shivastoic.github.io/Women-empowrment-landing-page/>

- **Buddy Sync Website:** A website for all college students, where they can be part of Communities and learn and grow with likeminded students in their communities.

Github Code: # <https://github.com/Shivastoic/Buddy-Sync-Website.git>

Live Demo: # <https://shivastoic.github.io/Buddy-Sync-Website/>

Achievements

- **UHACK 2.0 Hackathon Winners:** Uhack 2.0 was a hackathon event organized by United Institute of Technology. The competition was from renowned institute like IIT, MNNIT and other. My team came First in this Competition with winning 20,000 rs prize money.
- **GDSC Solution selection:** Me and my team had the opportunity to attend the Google solutions challenge workshop in New Delhi where only few select teams from all over India were selected. It was a great learning experience and huge network building opportunity. We got to interact and learn from industry experts in Machine learning and Web Development.
- **Churn To Earn Winners:** My team came third place in the startup pitching competition Churn to earn. Our idea to develop a remote healthcare platform wowed the judges Including CEO of Incubation cell for Prayagraj. Our team came third place winning 3000rs in prize money.

Education

Bachelors of Computer Application (BCA): 2022 – 2025

United University Prayagraj

Python Certification :

IBM, Udemy

Data Science Certification :

IBM

Data Visualization :

IBM

12th Standard :

Army Public School, Hyderabad

10th Standard :

Army Public School, Hyderabad