

## Deeyan Vadwala

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### ABOUT

Hi! I'm Deeyan Vadwala, passionate and driven Computer Science Engineering student with a strong foundation in Python and front-end development. Enthusiastic about creating responsive, dynamic web experiences using HTML, CSS, and Python. Eager to apply problem-solving skills and technical expertise to contribute to innovative projects and real-world solutions.

### EDUCATION

#### **Indus University**

*Bachelors of Technology Computer Science Engineering*

Ahmedabad, Gujarat

*October 2021 – June 2025*

### SKILLS

**Languages:** Python, C++, JavaScript, MS office (Word, Power Point, Excel)

**Frontend:** HTML, CSS (Beginner)

**Tools:** Office 365, Visual Studio Code

**Concepts:** DSA, OOPS

**Soft Skills:** Fast Learner

### Internship

#### **Cyber Security Internship – Prodigy InfoTech**

During this internship, I developed a Caesar Cipher encryption program in Python and implemented image-based steganography for hiding and extracting messages. I also built a password strength checker to assess password security and provide improvement suggestions. Additionally, I created an educational keylogger to demonstrate keylogging techniques and their prevention. To enhance network security, I developed a network packet analyzer using Python and Scapy to capture and analyze traffic for suspicious activities.

Tech: Python, Cryptography, Steganography, Scapy, Cybersecurity

#### **AWS Cloud Computing Internship Course – Indus University**

I gained hands-on experience in deploying and managing AWS infrastructure, including EC2, S3, RDS, IAM, and VPC. The course covered security best practices, monitoring, and automation using AWS Lambda. I also focused on cost optimization and performance tuning to enhance the efficiency of cloud resources. Tech used AWS (EC2, S3, RDS, Lambda, IAM, VPC).

### CERTIFICATIONS

- 100 Days of Code: The Complete Python Pro Bootcamp
- Python And Flask Framework Complete Course for Beginners
- CSS, Bootstrap, JavaScript and PHP Stack Complete Course
- AWS Academy Graduate - AWS Academy Cloud Foundations
- AWS Academy Graduate - AWS Academy Machine Learning Foundations

### PROJECTS

#### **AgroRishi – Smart Farming Assistant**

- Built a Flask-based platform integrating Bluetooth IoT sensors to monitor soil moisture, temperature, and humidity.
- Deployed ML models for real-time crop health analysis and early disease detection.
- Developed a multilingual chatbot using LLaMA 3 for personalized farming advice.
- Created a dashboard to visualize sensor data and provide actionable insights.

#### **Grind Anime – Anime Streaming & Search Platform**

- Developed a responsive website for anime search and streaming.
- Designed an intuitive UI with a search function integrated with an external API.
- Enhanced user experience with smooth navigation and a contact section.

#### **Portfolio Website**

- Built a personal portfolio to showcase projects, skills, and experience.
- Features dark/light mode, interactive UI, resume download, and contact form.
- Fully responsive for both mobile and desktop users.

#### **Phoenix – AI Voice Assistant**

- Developed a voice-controlled AI assistant for web browsing, email, and system automation.
- Used Speech Recognition & Text-to-Speech for seamless interaction.
- Integrated LangChain with LLaMA 3 for context-aware Q&A.
- Built custom modules for volume control, commands, and automation.