

# Ayush Sheth

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## EDUCATION

**Pandit Deendayal Energy University (PDEU), Gandhinagar**

2022-2026

Bachelor of Technology - Information and Communication Technology

CGPA : 8.44 (till 5th semester)

Minor in Computational Data Science

## WORK EXPERIENCE

**Bhartiya Gramin Vikas Charitable Trust, Volunteer**

26 June 2023 – 9 July 2023

- Gained hands-on experience in engaging with community members, social communication and building relationships.
- Understood the significance of regular data collection and monitoring and the impact data on various decisions.
- Understood and learned some of the groundwater management techniques and sustainable agricultural practices from the experienced seniors and farmers.

**IBM SkillBuild, AI Intern**

July 2024 – August 2024

- Worked with the team as a data analyst where we designed and developed a website [Joblink](#) Figma and Wix, focused on providing job listings, upskilling opportunities, and mentorship.
- Analyzed job market trends and user data to improve job listings and user engagement.
- Integrated a chatbot into the website to enhance user engagement and support.
- Gained hands-on experience in AI and machine learning through masterclasses and practical applications.
- Coordinated and executed the end-to-end project delivery, ensuring alignment with client expectations and project goals.

## PROJECTS

**Python Game Development**

*Projects: "Bounce" and "Pong"*

- Developed two interactive games using Python, leveraging Tkinter for GUI, along with random and time modules.
- Gained hands-on experience in game design, user interface implementation, and logic development.

**Machine Learning Project: Diabetes Prediction Model**

- Built a diabetes prediction model using a Decision Tree algorithm to assist in early detection.
- Evaluated model performance on unseen data, achieving a 75% accuracy rate.
- Demonstrated proficiency in data analysis, model training, and performance evaluation.

## SKILLS

- **Technical skills :** Python, Pandas, Matplotlib, Seaborn, HTML, CSS and JavaScript, Assembly language using sim8085, C, C++, MySQL, Data Structure & Algorithm, Object Oriented Programming (OOP).
- **Soft Skills :** Communication skills, Learning skills, Team work
- **Developers Tools :** VS Code, Google Colab

## CERTIFICATIONS

- Python for Beginners : Learn Programming from Scratch (**UDEMY**)
- Learn Python : The Complete Python Programming Course (**UDEMY**) • Industrial Training Internship in the domain of Finance (**INTRAINZ**)
- **IBM** SkillsBuild Summer Internship Program on Artificial Intelligence.