

NIVESH PRITMANI

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Education

Pandit Deendayal Energy University

Gujarat, India

Bachelor of Technology in Information and Communication Technology

Oct 2021 – Expected June 2025

Projects

Email/SMS Spam Classifier | Python, Machine Learning Models, Data Analysis, Pandas, Scikit-Learn,

April 2024

- Worked UCI SMS spam dataset to classify messages as spam or ham
- Steps followed Data Cleaning , EDA ,Text Preprocessing , Model Building ,Testing and Evalaution
- Finally create a website to test functionality and deployed it.

Video Conversion App | Python, ML Libraries, Google Speech Recognition, Flask

January 2024

- Developed an video translation app using Python and Speech Recognition to burn subtitles in it.
- It can also extract audio ,text and subtitles from it.
- It can also translate it into various language like Russian, French, etc.
- Also we can burn translated subtitles in video.
- Used libraries like speech recognition, moviepy, textttranslate, texttoaudio, PIL, pydub.
- Created Webpage for the same using Flask

Fitness App | Java, Android Studio, Firebase

March 2023

- Created an Android application using Java and Android Studio for daily exercise routing.
- Added exercises for different sports as well.
- Utilized the layout editor to create a UI for the application in order to allow different scenes to interact with each other.
- Used firebase to store and fetch user data and some application level data like exercise,images etc.

Basic CPU | Logism, COA concepts

May 2023

- Designed a simple and basic instruction set single processing unit CPU architecture.
- Used Logisim and Computer Architecture concepts to create a CPU with ALU ,Memory Unit, Register, Flip-Flops, Decoder and timing decoders, Control logic(gates)
- Implemented Basic operations like ADD, AND, LDA , STA, BUN, CIR, CIL, HALT, INC.

Technological Skills

Programming Languages: Python, Java , C++

Data Structures: Array , Strings, Linked List, Tree, Graphs

Database Management: SQL, Hadoop

Linux: Networking, FileSytem, Scripting, Troubleshooting, Protocols, LVM

Machine Learning: Numpy, Pandas, Seaborn, Matplotlib, Scikit-Learn

CS Fundamentals: Operating System, Networking, Database Management Systems, Computational Mathematics, Cloud Computing

Other Skills

Web Programming: HTML, CSS, JavaScript, React, Node, Angular

Cloud TechStack: AWS, Docker, Virtualization, Git, Github, Terraform

Hardware: Embedded C, AVR microcontroller, Arduino, Logism, Ansys HFSS

Links

- [Portfolio](#)
- [Leetcode Profile](#)