

SANKET MODI

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Striving to excel as a distinguished computer engineer, I am dedicated to honing my technical and non-technical skills. My skills and passion for latest technologies not only motivates me for personal advancement but also facilitate me to be able to contribute as a valuable asset to both the institution and the field of technology.

PROJECTS

The Shaukeens Website

- This website organizes feeds into categories based on popular Instagram hashtags.
- The frontend was developed using HTML5, CSS, Bootstrap, and JavaScript.
- For the backend, Python's Django framework was used along with a MySQL database.

On-Premise VN with Hub and Spoke

- A project based on configuration of On-premises to Hub and Spoke connectivity using S2S tunneling from On-premises and hub and Transit Vnet peering from hub to spoke.
- Configured RRAS on on-premises VM and established S2S connectivity to the Hub. Which results in connection of the On-premises VM with both Hub VM and Spoke VM successfully.

Parking sensors

- This project involves hardware-software integration using Arduino to develop a low-cost parking assistance device.
- It employs ultrasonic sensors for distance measurement and buzzers to indicate proximity, all monitored by an Arduino board.

Home safety device using Raspberry pie and AWS

- Facial detection is performed on images captured by a Pi camera.
- Facial recognition is managed using AWS Rekognition.
- When a person is detected and recognized, an email is sent to a specified address using Lambda functions.

Prediction Subject Scores with MLOps

- This MLOps project predicts scores for a subject in relation to other subjects being studied.
- A linear regression model was used for training and testing.
- The Flask app handles server functions and frontend development is done using Bootstrap, with the web app deployed on AWS Elastic Beanstalk.

Fitness-Health Alert app

- This Python-based graphical user interface (GUI) program is designed to remind and alert developers to take breaks for water and physical activity during their workday.
- It is built using the Tkinter libraries for the GUI.

E-Commerce website

- This Python-based graphical user interface (GUI) program is designed to remind and alert developers to take breaks for water and physical activity during their workday.
- It is built using the Tkinter libraries for the GUI.

Research work on social engineering in cyber security.

- It covers various techniques, including phishing, vishing, smishing, and malware.
- The study provides a comprehensive analysis of these social engineering methods.

AREA OF EXPERTISE

- Cloud Computing
- Python
- Django
- Amazon Web Services
- Azure
- Content Writing

INTERNSHIPS

Proceedit “the BPaaS company”

Dec 2023-Apr 2024

- Worked as an intern on cloud systems and applications
- Utilized Jira Software for better management and collaboration
- Docker-based Guestbook application involves building, pushing, and deploying a application using Kubernetes, managing deployment updates, autoscaling, and rollbacks, with the process including Dockerfile creation, image verification, port forwarding, load testing, and version management.

Celebal Technologies

April 2023-Jun 2023

- Worked as an intern on cloud infrastructure and security domain
- Developed architecture of VLANs and OnPremise servers on Azure.
- Acquired the skill of working effectively in a group and managing group projects.

Seawind Solutions

May 2022-July 2022

- Worked as an intern on full stack web development.
- Used Django as a framework for backend and CSS for styling with JavaScript for interactive elements.
- Developed a comprehensive understanding of web development.

EDUCATION

Bachelors of Technology in Information Technology

2020 - 2024

Charotar University of Science and Technology

CGPA: 8.71

V.I.P International School

2018- 2020

H.S.C in Science Stream: 71 PR

S.S.C: 98.42 PR

ADDITIONAL INFORMATION

- **Technical Skills:**

- Agile/Scrum Planning.
- AWS, Azure, and Google cloud
- Operating Systems: Windows, Linux, and macOS.
- Virtualization and cloud computing.
- DevOps

- **Non-Technical Skills:**

- Communication
- Leadership
- Effective planning and strategies creator
- content writing
- management
- Video and Photo Editing using VN and Photoshop

- **Coding Languages:**

- | | | |
|----------|--------|----------------|
| • Python | • C | • Bootstrap |
| • Java | • HTML | • Django |
| • C++ | • CSS | • SQL databses |

- **Certifications:**

- Microsoft Azure Fundamentals Certified.
- Computational Thinking based on AI.

- **Activities:**

- Volunteer at BAPS organisation since 10 years.
- Writer and A poet. Published my own poems in the book 'Alfaaz Unkahren'.
- PYTHAKON national Hackathon management and volunteering at university.
- University E-magazine content writer.
- SSIP Hackathon volunteer
- University Cultural and sports event participant.