SUSMITHA VADLAMUDI

FULLSTACK DEVELOPER   PYTHON DEVELOPER

CONTACT

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SKILLS

- Python
- Javascript
- HTML5 and CSS3
- Bootstrap
- Django
- SQL
- Git and Github
- Selenium and REST API

EDUCATION

B.Tech CSE

Chalapathi Institute of Engineering and Technology

2020 - 2024

CGPA - 8.0

HSC

Narayana Junior College

2019 - 2020

CGPA - 9.3

SSLC

NICE

2017 - 2018

CGPA - 7.5

CERTIFICATIONS

Python Fullstack Course
Jspiders Marathahalli

March -September 2024

SQL-IBM CERTIFICATION

May 2024

PYTHON-EDUPREP

April 2023

LANGUAGES

- **Telugu**
- **English**
- **Urdu**

PROFILE

As a Python Developer or Software Engineer, freshers bring a passion for coding and problem-solving, coupled with a solid understanding of Python programming language. I'm excel in translating conceptual ideas into functional code, demonstrating adaptability and eagerness to learn.

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PROJECTS

Smart ATM System

- The system employs advanced image processing techniques and machine learning algorithms to accurately identify and verify users based on their facial features. Upon approaching the ATM, the user's face is scanned and compared against a secure database of registered users. This process ensures that only
- authorized individuals can access the ATM's functions, significantly reducing the risk of unauthorized transactions. Developed a cutting-edge Smart ATM System leveraging Python, integrating facial recognition technology for PIN authentication, ensuring enhanced security and convenience. Utilized OpenCV and dlib libraries for facial detection and recognition,achieving accurate user identification. Tech stack: Html5, CSS, Bootstrap, Python,Flask,MYSQL.
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To-Do List Using Javascript

- This project presents the development of a dynamic and user-friendly To-Do List application using JavaScript, HTML, and CSS. The JavaScript codebase
- employs essential programming concepts such as event handling, DOM manipulation, and local storage, ensuring that the user's tasks are saved even after the browser is closed. This application serves as a practical
- example of how JavaScript can be used to build interactive web applications that cater to everyday needs.

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TECHNICAL SKILLS

Python :

- Understanding of Python syntax, variables, and data types (strings, lists, tuples, dictionaries, sets).Basic control flow: loops (for, while), conditional statements (if-else), and error handling (try-except).Functions and modules: Writing and importing Python functions and modules. Reading from and writing to files
- (text, CSV, JSON).Basic understanding of file operations (open, close, read, write). Proficiency with built-in data structures: lists, dictionaries, sets, and
- tuples. Basic operations such as sorting, filtering, and comprehension. Advanced understanding of classes, objects, inheritance, polymorphism,
- encapsulation, and abstraction. Proficiency in implementing algorithms (sorting, searching). Proficient in Git for version control, branching, and merging
- strategies.
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FrontEnd Development :

- HTML5: Expertise in semantic HTML for structuring web content. CSS3:
- Proficiency in CSS for styling, including layout techniques like Flexbox and Grid.
- JavaScript (ES6+): Strong understanding of modern JavaScript features and syntax. jQuery: Familiarity with jQuery for DOM manipulation and event handling Bootstrap : Proficiency in using CSS frameworks for responsive and consistent UI design.

REST API :

- Developed and maintained RESTful APIs to streamline communication between front-end and back-end systems, improving data handling efficiency and reducing response times by 30% through optimized endpoints and error-handling mechanisms.

SQL :

- SQL Query Writing: Proficient in writing complex queries for data retrieval, manipulation, and analysis.
- Database Design: Experience with database normalization, schema design, and ER diagrams.
- Database Management: Experience with major RDBMS platforms (MySQL, Oracle) and managing backups, security, and user roles.