Siddharth Singh

sid.webd.singh.04@gmail.com | +91 8354878525
Linkedin | Github | Portfolio

EXPERIENCE

ACADEMY OF SKILL DEVELOPMENT | Data Analyst Intern
June 2024-July 2024

- Developed machine learning models using Python and Scikit-learn
- Tested machine learning models for performance and efficiency
- Reduced computational resource usage by 20 %

COGNIFYZ TECHNOLOGY | Web Developer Intern
Mar 2025 - Apr 2025

- Research and implement lightweight CSS frameworks like Bulma UI, Tailwind CSS, or Bootstrap to streamline styling and ensure responsive design.
- Combine CSS frameworks (e.g., Bulma UI) with design systems to enhance scalability, maintainability, and visual appeal in web development projects.

PRODIGY INFOTECH | Web Developer Intern
Apr 2025 - May 2025

- Developed four web apps: a responsive landing page with interactive navigation, a stopwatch with timing features, a tic-tac-toe game with user/AI modes, and a weather app with real-time API data using HTML, CSS, and JS.

PROJECTS

PASTE APP

- It is a React project built with Vite for optimized builds, using Tailwind CSS for responsive styling.
- The app enables users to create, edit, search, and delete pastes, with data stored in Redux and persisted in localStorage.
- Redux Toolkit for robust state management, React Router DOM for dynamic routing, and React Hot Toast provides success/error notifications,
- The clean code, the modern stack, and the responsive design of the project align with best practices, but could be improved with input validation.

CAREER PREDICTION MODEL USING FFM MODEL
2023 – Current

- Built a machine learning model to predict career choices by analyzing personality and behavioral data, leveraging relevant algorithms to ensure accurate predictions..
- Utilized comprehensive datasets encompassing personality traits and behavioral patterns to train and validate the model, enabling robust career choice recommendations.

DIABETES PREDICTION MODEL

- Using medical and demographic information from the Pima Indians Diabetes Dataset, I created a machine learning model to predict diabetes risk such as Decision Tree, Random Forest, and SVM.
- Model performance was assessed using the accuracy score, the confusion matrix, the classification report, and the mean square error.
- Python, Scikit-learn, Pandas, NumPy, and Matplotlib were all used.

EDUCATION

WOODBINE GARDENIA SCHOOL
X
2019-2020 | Kanpur, UP
75%

WOODBINE GARDENIA SCHOOL
XII
2021-2022 | Kanpur, UP
71%

SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY
Bachelor of Technology in Computer Science and Engineering
2022-2026 | Majhitar, Sikkim
CGPA - 7.1

SKILLS

PROGRAMMING
Languages - Hindi (Native), English (Fluent)
Software - Java, MongoDB, ReactJS, Node.js, Express.js, JavaScript, Redux, SQL, Rest API, API, React, Tailwind CSS
Machine Learning - Scikit-learn, TensorFlow, Data Science, Python, SQL, Keras
Tools and Technologies - Git, VSCode, Linux, Github, Pycharm, WebStorm

COURSEWORK

UNDERGRADUATE
C++, Computer Architecture, Computer Network, Algorithms, Operating System, Compiler Design, Data Structure, Machine Learning, DBMS, Software Engineering

CERTIFICATIONS

- **Data Analytics NPTEL** Topics: Python, Machine Learning
- **Introduction to Generative AI for Developers With Copilot Microsoft**