Swarup Dash

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Enthusiastic and detail-oriented recent graduate with a Master's degree in Computer Science. Eager to kickstart my career as a full-stack engineer, bringing a strong foundation in development and a passion for creating innovative, user-centric solutions. Proficient in front-end and back-end technologies, with hands-on experience in building responsive web applications. Quick learner, excellent problem-solver, and effective communicator ready to contribute to dynamic development teams and drive projects to success.

EDUCATION

2022 October – 2024 April	**Master of Computer Application** **Gandhi Institute of Excellent Technocrats**	Bhubaneswar, India
2019 April – 2022 March	**Bachelor in Science** **Shishu Ananta Mahavidyalaya**	Bhubaneswar, India
2017 May – 2019 April	**Intermediate** **Shishu Ananta Higher Secondary school**	Bhubaneswar, India
2016 April – 2017 May	**10th Board** **Pubasasan G.P High School**	Bhubaneswar, India

SKILLS

Python • C • Core Java • MySql • HTML,CSS,JS • Django • DBMS • GitHub • Git • React Js • Node Js • Postman

PROJECTS

Iris-flower-classification
Tools :- Python 3.6.0, Anaconda 4.3.0, scikit-learn 0.18.1, UCI Machine learning Repository

- This project aims to classify different species of iris flowers using Machine Learning techniques by leveraging the iris dataset to predict the species of new iris samples. The Python 3.6.0, Anaconda 4.3.0 environment and scikit-learn 0.18.1 library were utilized for implementation.
- The iris dataset, obtained from the UCI Machine Learning Repository, contains features such as petal length, petal width, and sepals' dimensions. The setup involved utilizing Jupyter Notebook, Anaconda libraries, pandas, scikit-learn, and matplotlib.
- The process encompassed tasks like data preparation, algorithm evaluation, result improvement, and reporting. Initial steps included importing the data, summarizing it, visualizing it for analysis, and evaluating various algorithms such as Logistic Regression, Linear Discriminant Analysis, K-Nearest Neighbors, Decision Trees, Gaussian Naive Bayes, and Support Vector Machines.
- An analysis system was implemented to compare algorithm results accurately. Predictions were made, and their accuracy was evaluated. The project culminated in a comprehensive report summarizing dataset insights, algorithm comparisons, and prediction accuracies.

To-Do List
Tools:- Python , Tkinter library , SQLite

- Developed a user-friendly TO-DO List application using Python with the Tkinter library and SQLite database integration.
- Key functionalities encompass task addition, modification, and deletion, coupled with the option to clear the entire task list.
- Incorporated robust error handling to prevent empty task entries and included confirmation prompts for critical actions.
- Crafted an intuitive Graphical User Interface (GUI) featuring vibrant, color-coded buttons and a highly responsive layout to enhance user experience.
- Implemented a structured database system for seamless task management and retrieval.
- This application demonstrates proficiency in Python programming, GUI development, database integration, and user-centric design principles, showcasing a blend of technical expertise and intuitive usability.

Password Generator
Tools:- Python, Tkinter

- Constructed a Password Generator application utilizing Python and Tkinter, enabling users to input their name and desired password length, subsequently generating a secure password comprising a blend of letters, digits, and punctuation marks.
- Implemented robust error handling mechanisms to enforce a minimum password length, ensuring the generated passwords meet predefined security standards.

- Designed an intuitive user interface featuring entry fields for name input and password length specification, complemented by interactive buttons to generate, reset, and accept the generated password.
- Leveraged the Tkinter library for Graphical User Interface (GUI) development, emphasizing user accessibility and ease of navigation.
- Employed random string generation techniques to create secure and unique passwords.
- This project highlights proficiency in Python programming, GUI development using Tkinter, error handling strategies, and secure password generation techniques, delivering a highly secure Password Generator application.
- It can integrate with any application backend to .

Food Delivery Website
Tools: MERN Stack
- Developed a food delivery application using MERN, providing users with a seamless ordering experience. Allow users to sign up and log in securely to their accounts.
- The website utilizes MongoDB for efficient data storage, Express.js for robust server-side development, React.js for dynamic and interactive user interfaces, and Node.js for scalable backend operations.
- Homepage: The homepage should display popular dishes, promotions, and search functionality. Users should be able to browse through various categories and cuisines.
- Menu: Allow users to view menus with items, descriptions, and prices.
- Cart: Enable users to add items to the cart, adjust quantities, and view the total.
- Checkout: Collect delivery address and payment method display order summary.
- Responsive Design: Ensure the app works well on various devices.

Employee Management System
Tools: Python, Django, SQLite3
- Developed an Employee Management System using Python, Django, and SQLite3.
- The web application allows for adding, deleting, and updating employee records, includes user authentication.
- Implemented the database schema and designed the user interface with HTML, CSS, and JavaScript.

CERTIFICATES

- Cloud Computing from Swayam Central.
- Introduction to industry 4.0 and Industrial Internet of Things from Swayam Central.
- Management Information System from Swayam Central.
- Certified in Python Programming from Python Soft.
- 3rd Rank in a Boot Camp Organized by Startup Odisha.

INTERESTS

Badminton and Travelling

DECLARATION

I hereby declare that the information given here with is correct to my knowledge.

Swarup Dash