VAIBHAVI INGLE
UG Final Year: BCA- Computer Science

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OBJECTIVE
An avid software developer committed to continuous learning, problem-solving, and delivering high-quality results in a collaborative team environment. Seeking challenging position where my strong foundation in programming and expertise in developing innovative software solutions, can be leveraged to drive technical excellence and contribute to the growth and success of an innovative organization.

EXPERIENCE:
Freelance-Software Developer (June'23 - Present):
- Designed and developed reactive official website from scratch for a locally based Agro Agency using HTML, CSS & JavaScript which also uses Bootstrap. By incorporating responsive design, interactive features, and dynamic content, the website serves as a valuable resource for both the agency and its audience.
- Designed, developed and maintaining an auto scheduled System Automation Application in Python that empowers the agency to efficiently manage their bills by automating the archival process. By categorizing and compressing daily, monthly, and annual bills, this application ensures data security, accessibility, and long-term cost savings.

KEY PROJECTS:

1. Customised Virtual File System (C++).
- Provides all functionality similar to the Linux File System.
- Implements essential data structures of file systems.
- Utilizes system-level functionality of Linux on other platforms.

2. Customised Database Management System(C).
- Provides emulation of Database Management System functionalities.
- Implements a parser to parse SQL queries.
- Handles queries with constraints and aggregate functions.
- Includes a custom shell for interaction.

3. Titanic Survival Predictor (ML with Logistic Regression in Python).
- Predicts passenger survival on the Titanic using logistic regression.
- Includes data cleaning and analysis.

4. Batch Scheduler (MEAN Stack).
- Web application for managing and displaying batch information.
- Provides a user-friendly interface for administrators.

5. Periodic Process Logger with Auto Scheduled Log Report Facility (Python).
- An automation script developed in Python.
- Automates process log activity by creating log files with current time.
- Stores information about all running processes, including name, PID, memory usage, and thread count.
- Scheduled periodic execution based on user-specified time intervals.
- Sends log files to a specified email address after each execution.

TECHNICAL SKILLS:

Programming Languages:
C++, C, Java, Python,
TypeScript, JavaScript.

Web Technologies:
HTML, CSS, AngularJS,
NodeJS, ExpressJS.

IDE & Tools:
PyCharm, Visual Studio Code,
IntelliJ, Notepad++.

Database:
MySQL, MongoDB.

Operating System:
Windows NT, Linux
Distributions.

Libraries and Frameworks:
NumPy, SciPy, Scikit-Learn,
Pandas, Matplotlib,
MaterialUI, Bootstrap.

Testing Techniques:
Unit Testing.

HIGHLIGHTS:

- Experience in application development using C, C++, JAVA, Python, TypeScript and JavaScript.
- Experience in application development using Procedural as well as Object Oriented manner.
- Experience in writing Web Automation, File system Automation, Process Automation scripts with periodic scheduling and logging activity using Python.
- Proficient in Machine Learning skills for multiple types of applications.
- Experience in handling, analysing different type of datasets and sound knowledge of multiple algorithms used in ML from various libraries in Python.
- Experience in Client-Side Web development using Angular.
- Knowledge of Front-end development using Angular 7.
- Knowledge of Amazon Web services.
- Knowledge of NodeJS for Server-Side development.
- Knowledge of Unit testing of Angular applications.
- Knowledge of Frontend development using Material Design, Bootstrap.
- Strong coding ability both in producing clean and efficient code as well as debugging and understanding large code bases.
- Experience in Algorithm designing.
- Experienced use of modern source code control (Git).
- Sound knowledge of operating systems internals.
- Good analytical and problem-solving skills

EDUCATION:

BCA (Computer Science)
MSS College, Jalna
Expected Graduation: 2024
Current Percentage: 79.43%

Intermediate/+2
Adarsh Junior College, Ahmednagar
2018-2020
12th Boards: 82.00%

Matriculation
St. Mary's High School, Jalna
2006-2018
10th Boards: 90.60%

SOCIALS:

LinkedIn:
Vaibhavi's LinkedIn

GitHub:
Vaibhavi's GitHub