TAMILSELVI S

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PROFILE SUMMARY

Detail-oriented and innovative Python Developer with a strong foundation in software development and a passion for creating robust and scalable applications. Proficient in utilizing the latest technologies to develop solutions that streamline processes and enhance overall efficiency. Adept at collaborating with cross-functional teams to deliver high-quality software within project timelines. Continuously seeking opportunities to expand knowledge and stay current with industry trends.

TECHNICAL SKILLS :

- o **Language:** PYTHON .
- o **Database Technologies:** Oracle SQL.
- o **Libraries Used:** Tkinter.
- o **Front-end Technologies:** HTML, CSS.

EDUCATION

- M. Sc Computer Science

  SRM Arts and Science College, Kattankulathur, Chennai

  Graduation Year:2023

  Percentage:88.9%

PYTHON :

IDE Proficiency:

- o Proficient in using Python Integrated Development Environments(IDEs) such as IDLE and PyCharm, ensuring a smooth and efficient development workflow.

Fundamental Concepts Mastery:

- o Solid understanding of Python's core concepts, showcasing expertise in handling diverse tasks, from basic scripting to complex algorithmic in implementation.

- o Applied knowledge of operators, loops and inbuild data structures (Tuple, Set, List, Dictionary) in real-world scenarios, demonstrating versatility in problem-solving.

Functional Programming Expertise:

- o Extensive hands-on experience in working with functions, lambda functions, map, zip to create concise, efficient and readable code.

- o Utilized functional programming principles to enhance code modularity, scalability and maintainability.

GUI Development:

- o Proven ability in Graphical User Interface(GUI) development using Tkinter and other relevant libraries.
- o Designed and implemented interactive and visually appealing user interfaces for application, enhancing the overall user experience.

Object-Oriented Proficiency:

- o Demonstrated a basic understanding of Object-Oriented Programming(OOP) concepts, applying principles such as a encapsulation, inheritance, polymorphism.
- o Developed modular and extensible code structures, facilitating collaboration and code maintenance.

Documentation Skills:

- o Strong documentation practices to provide clear and concise explanations of code functionality making it accessible to team members and future developers.

CERTIFICATION:

- Complete certifications in **PYTHON AND ORACLE SQL.**

PROJECT DETAILS
Project Name: LIBRARY MANAGEMENT SYSTEM USING GUI

Objective: Developed a comprehensive GUI application for library management, including functionalities such as adding, viewing, issuing, and returning books. Implemented using the Tkinter module and integrated with a database.

SOFT SKILLS:

- Strong problem-solving and analytical abilities.
- Excellent communication and collaboration skills within multidisciplinary teams.
- Detail-oriented with a commitment to writing clean and maintainable code.
- Proactive learner with a passion for staying updated on Industry trends.

INTERNSHIP

- Completed **PYTHON FULL STACK** Development course in **BESANT TECHNOLOGIES** .

DECLARATION:

I hereby declare that all the particular furnished by me are in this Application are True and Complete to the best of My Knowledge and Belief.

Date   :   Yours Sincerely,

Place :   **TAMILSELVI S**