Durga Nanaware

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Profile:

Enthusiastic Computer Engineering graduate with strong knowledge of C++, Core Java, Advanced Java (JDBC, Hibernate, Spring), Python, SQL, and DBMS. Skilled in problem-solving and building efficient applications with a focus on full-stack development. Quick learner, passionate about adopting new technologies, and eager to contribute to innovative projects.

Projects:

Enhanced Security for ATM Machine with Facial Recognition and OTP using Shuffle Keypad
Technologies: **Java (Backend), SQL (Database), HTML, CSS, JavaScript (Frontend)**

- Designed and developed a secure ATM verification system integrating facial recognition and OTP based authentication.
- Implemented a shuffle keypad to prevent password pattern tracing and enhance transaction security.
- Utilized SQL for efficient database management of user credentials and transaction logs.
- Improved fraud prevention and identity theft mitigation, ensuring safe and reliable ATM services.

Technical Skills:

Programming Languages:

- C++: Strong understanding of Object-Oriented Programming (OOP) concepts , proficient in pointers, references, and dynamic memory allocation. Experienced with data structures (arrays, stacks, queues, linked lists, trees) and the Standard Template Library (STL).

- Core Java: Strong understanding of OOP concepts , familiar with the collections framework , and knowledgeable in multithreading for concurrent programming.

- Python: Basic knowledge of scripting, automation, problem-solving, functions, and file handling.

Web & Frameworks:

- Web Development: Proficient in HTML & CSS for creating structured and semantic web pages, forms, and tables.

- Core Spring: Knowledgeable in Dependency Injection (DI) and Inversion of Control (IoC), as well as Bean configuration and the Spring Beans lifecycle.

- Hibernate: Experienced with this ORM framework for mapping Java objects to database tables, including session and transaction management, HQL, and annotations.

- JDBC: Skilled in connecting Java applications with databases, executing SQL queries, and handling transaction management.

Databases:

- SQL: Proficient in CRUD operations, joins (INNER, LEFT, RIGHT, FULL), GROUP BY, HAVING, ORDER BY, and aggregate functions.

- DBMS: Knowledgeable in database models, ER diagrams, normalization, indexing, and ACID properties.

Education:

B.Tech in Computer Engineering | Vishwakarma University, Pune | 2022 – 2025
   CGPA: 7.98
Diploma in Engineering | Government Polytechnic, Pune | 2019 – 2022
   Percentage: 81.47%
10th Standard | Mahatma Gandhi Vidyalaya, Paranda | 2019
   Percentage: 82.40%

Certifications:

- IBM – Introduction to Cybersecurity Careers (Coursera)
- The Structured Query Language (SQL) (Coursera)
- Web Development – Completed from Udemy