

Jass Dhora

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Objective

Motivated and detail-oriented software engineer with a strong foundation in computer science and programming. Seeking an entry-level position to apply technical skills, contribute to software development projects, and continue professional growth in a dynamic and collaborative environment.

Projects

PATIENT IN-TAKE FORM DEVELOPMENT | JANUARY 2023 – MAY 2023

- **Description:** Developed a patient intake form as part of a healthcare software project. The form aimed to collect comprehensive patient information efficiently and accurately during the registration process.
- **Responsibilities:** Collaborated with a team of developers to design and implement the patient intake form. Tested the form's functionality and resolved any issues or bugs encountered during the development phase.
- **Technologies:** Gained experience in front-end web development using HTML, CSS, and JavaScript.
- **Contributions:** Actively collaborated with team members, participating in meetings and providing regular updates on progress. Conducted rigorous testing and debugging to identify and resolve any issues or bugs, ensuring the form's functionality and reliability.

BANK DATABASE APPLICATION | SEPTEMBER 2022 – DECEMBER 2022

- **Description:** The project aimed to develop a comprehensive bank database application to handle customer information, accounts, and transactions.
- **Responsibilities:** As a part of the project team, responsibilities included the design and implementation of the database schema for customer information, accounts, and transactions.
- **Technologies and Tools:** The project utilized various technologies and tools such as Oracle SQL Developer for database management, XAMP (a bundle of Apache, MySQL, PHP, and Perl) for local server setup, and Java for application development.
- **Contributions:** The project involved the creation of the login page, which allowed authorized users to access the bank database application securely. Additionally, developed the customer information page, which provided a user-friendly interface for viewing and managing customer details within the application.

Education

BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE | MAY 2022 | NEW JERSEY INSTITUTE TECHNOLOGY, NEWARK, NJ

MASTER OF SCIENCE IN SOFTWARE ENGINEERING | DECEMBER 2023 | NEW JERSEY INSTITUTE TECHNOLOGY, NEWARK, NJ

- **Related Courses:** Software Testing and Quality Assurance, Software Architecture, Software Project Management, Requirement Engineering, Java Programming, And Advanced Database System.

Skills & Abilities

- **Programming Languages:** Java, Python, C++
- **Web Development:** HTML, CSS, JavaScript
- **Databases:** Oracle SQL, PL/SQL, NoSQL, MongoDB, XML, JSON
- **Knowledge of development methodologies and best practices**
- **Effective communication and teamwork abilities**
- **Software Tools:** Eclipse, Visual Studio Code
- **Project Management**
- **Ability to quickly learn new technologies and programming languages**

Reflection Report:

Upon researching the job market, I have gained valuable insights that will significantly influence my career planning. The findings have shed light on several surprising aspects that I need to consider. Firstly, there is a noticeable increase in the demand for technical skills across various industries. This emphasizes the importance of having a strong foundation in areas such as data analysis, coding, and machine learning. Secondly, there is a growing emphasis on soft skills, highlighting the need for effective communication, leadership abilities, and problem-solving capabilities. Lastly, I discovered that industries are rapidly evolving due to technological advancements, necessitating professionals who can adapt to changes in fields like artificial intelligence, cybersecurity, and digital marketing.

Through this research, I have clearly identified the skill gaps between my current abilities as reflected in my resume and the requirements of my desired jobs. These gaps primarily revolve around technical and soft skills. In terms of technical skills, I lack proficiency in coding languages like Python and R, as well as experience in data analysis and machine learning techniques. Regarding soft skills, while I possess a basic level of communication and problem-solving abilities, there is room for improvement in areas such as leadership, adaptability, and effective collaboration.

The course I have undertaken and my future studies can play a pivotal role in bridging these skill gaps. Firstly, the course provides opportunities for technical skills development, offering resources and guidance to enhance my coding abilities, data analysis techniques. Additionally, further studies in specialized areas aligned with my career goals can provide me with the necessary expertise. Secondly, the course also focuses on soft skills enhancement. Through active participation in group discussions, presentations, and projects, I can refine my soft skills, becoming a more well-rounded professional capable of effective communication, critical thinking, and collaborative work.

My career goals center around working in a data-driven field, such as data analysis or artificial intelligence. The skills gained from this course align perfectly with these aspirations. The technical expertise acquired in coding, data analysis, and machine learning will provide a solid foundation to excel in data-driven roles. Additionally, the course's emphasis on problem-solving and critical thinking will enable me to extract insights from data and make informed decisions. Moreover, the focus on communication and collaboration skills will be invaluable in data-driven environments, allowing me to effectively communicate findings and collaborate with cross-functional teams.

My research into the job market has revealed the significance of technical and soft skills, the rapid evolution of industries, and the need to adapt to changing demands. By identifying the skill gaps between my current abilities and desired jobs, I am now aware of the areas that require further development. This course, along with my future studies, offers a means to bridge these gaps by providing technical expertise, enhancing soft skills, and aligning with my career goals in the data-driven field.