YASH BHATIA

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EDUCATION

Northeastern University, Boston, MA   **Expected May 2024**
Master of Science, Information Systems   **GPA 3.52/4**
Relevant Coursework: Web Design/User Experience Engineering, Application Engineering & Development, Data Management and Database Design, Program Structures and Algorithms.

University of Mumbai, Mumbai, MH, India   **June 2020**
Bachelor of Engineering, Electronics and Telecommunications   **GPA 8.06/10**
Relevant Coursework: Applied Mathematics, Database Management System, Big Data Analytics.

WORK EXPERIENCE

Accenture Solutions Pvt Ltd   *Application Development Associate*   **February 2021 – July 2022**

- Performed data analysis, data extraction and delivered valuable insights using Business Intelligence tool OBIEE to enhance decision-making across 6+ departments which improved business efficiency by 53%.
- Optimized mappings, sessions, and workflows in Informatica to load data from csv files into data warehouse, increasing build quality by 30% in 7 weeks.
- Involved in ETL development tasks and production support, shifting away from an obsolete system, decreased end-user waiting times by 40%.
- Designed UNIX shell scripts for automation of ETL jobs operating on Autosys scheduler, increasing efficiency by 44%.
- Interacted personally with cross-functional team members by drafting client requirements specifications.
- Recorded all technical, implementations, and status updates within JIRA while working on agile methodology.

Trivia Softwares   *Python Developer Intern*   **June 2018 – July 2018**

- Programmed OpenCV, NumPy, Pandas and Matplotlib data science libraries to develop data retrieval system.
- Utilized Beautiful Soup for web scrapping to extract data for building graphs, gaining 90% accuracy for analysis.

TECHNICAL SKILLS

Programming Languages: Python, Java
Web Development: HTML, CSS, SASS, JavaScript, Node JS, Express JS, React, REST APIs.
IDE: Jupyter Notebook, Eclipse, NetBeans
Database: Oracle, PL/SQL, MySQL, MongoDB.

Software: Tableau, GitHub, VS Code, Informatica PowerCenter, JIRA, Autosys, MATLAB.
Other skills: Agile Software Development.

PROJECTS

Bookstore Management System | Oracle, PL/SQL, Tableau

- Developed a comprehensive system, handling customer, bookstore, and inventory details, and implemented 20+ procedures, functions, and packages, enhancing the functionality and performance of the database.
- Optimized SQL queries and indexing strategies, resulting in a 45% reduction in query response time and improved overall system performance.
- Implemented robust validation rules and access controls, ensuring data integrity and security for a database with 10,000+ records.
- Created dynamic charts and graphs using data visualization tool Tableau to present data patterns and making data analysis more accessible, also facilitating data-driven decision-making for management and marketing strategies.

Gym Ecosystem | NetBeans, MySQL

- Developed Java swing application to create a network that connects whole city to a gym and its related entities in a managed ecosystem.
- Implemented a structured ecosystem incorporating various enterprises, organizations, and roles, enabling gym members to enroll in diverse programs and receive personalized attention from dedicated personal trainers, resulting in an enhanced member experience and increased engagement.
- Supplemented a robust authentication module for different login access as per roles in the ecosystem.
- Configured application with MySQL database and added Google SMTP for email verification of user credentials.

Brainterest – Blog App | MERN Stack, MongoDB, REST API

- Designed and built a community driven blogging website that allows users to sign up and publish blogs.
- Built front-end of the website with React library and integrated back end with MERN stack as well as REST APIs to perform CRUD operations.
- Added a layer of security to verify integrity by implementing password hashing at the login page of website.