# YASH BHATIA

Boston, MA | bhatia.yas@northeastern.edu | (857) 313 4049 | linkedin.com/in/yash-bhatia-3a953a224

## 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.
- Structured ecosystem such that it consists of multiple enterprises, organizations, and roles that allow members to enroll at a gym with different programs available where a personal trainer would be assigned to every member.
- 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.