Aditya Dattatray Bhogte

+1 682-365-7790 | adityadattatray.bhogte@mavs.uta.edu | Arlington, TX |
LinkedIn | My Portfolio | WhatsApp | Email

SUMMARY

Execute analytical skills to help solve various problems and make improvement, trying to make a true impact across various domains. Passionate and Motivated Individual ready to take challenges. Innovative, Curious, Interested and has ability to learn new things.

SKILLS

Programming Languages:	Python, JAVA, SQL, PHP, C, C++, JavaScript.
Web Technologies / Frameworks:	Python Flask, Laravel, Spring, ReactJS, Node.js, HTML/HTML 5, CSS 3, Bootstrap, XML.
Database:	MySQL, Oracle Database, MongoDB, SQL, Amazon RDS, Redis
Software Testing Technologies:	Junit, Pit, Jacoco.
Cloud Services:	AWS, Microsoft Azure, Google Cloud Platform, IBM Cloud (Bluemix).
Tools and Software:	IntelliJ IDEA, Eclipse IDE, Visual Studio Code, PyCharm, Jupyter Notebook, WordPress, Selenium, GitHub Desktop, Code Pen, SQL Management Studio, MSSQL, Net Beans, Tomcat Server

EXPERIENCE

Software Intern Engineer, Quality Kiosk- Mumbai, India   Jan 2018-July 2018

- Designed and Worked on development of Modules like creating layouts and designing for the webpages.
- Developed a GUI with glossy effect and animation that helped to enhance the website.
- Planned with team lead and other members for the integration of modules in the project and created efficient final design.
- Co-ordinated with the Team and Management for requirements of the project and better development of the website.
- Analyzed and helped in the final phase of the project and also solve the challenges like bug fixing by 30% that occurred in the deployment phase.

EDUCATION

The University of Texas at Arlington, TX, USA, (GPA- 3.64/4.0)   Aug 2019 - May 2021
Present Master of Science in Computer Science
Coursework: Design and Analysis of Algorithm, Advanced Topics in Data Bases: Cloud Computing, Advanced Topics in Software Engineering: Automated Testing, Web Data Management, Distributed Systems, Data Analysis & Modeling Techniques, Database Systems, Data Mining, Secure Programming, Discrete Structures, Software Testing.

University of Mumbai, Mumbai, India, (GPA- 3.70/4.0)   Aug 2014 - Jun 2017
Bachelor of Engineering in Information Technology
Coursework: Object-Oriented Programming, Data Structure and Algorithm Analysis, Big Data Analytics, Cloud Computing

COURSE PROJECTS

Web Application Development on Cloud Platforms (Python, Flask, AWS, Microsoft Azure, IBM Cloud)
- Directed by python flask framework developed a web-application and completed the given task in a specific time. Hosted this web-application on AWS Elastic Beanstalk, Azure, IBM cloud platform.
- For faster execution of queries from the database, we performed caching using Redis on Microsoft Azure that helped to improve system performance by 40% than its original performance.
- Performed load balancing and auto scaling by using JMeter, which helped to test the website durability on AWS cloud.

Airline Booking System (Java, MySQL)
- Developed Airline Booking System application in which there were various roles like (Passenger, Admin).
- Covered all relevant concepts like joins, triggers, query handling and create, update, delete, remove of data from the database.
- Designed ER and EER diagram with all entities (Airport, Airline company, Passengers), attributes covered, that helped to develop and analyze project.

Multi-Client Synchronous, Asynchronous & RPC based Client-Server Communication (Java/Socket Connection)
- A prototype of a real-time Distribute System where multiple clients gets connected to a server to perform operations using a socket connection.
- Developed a Synchronous(acknowledge based) & asynchronous communication between Client - Server for communication.
- Developed RPC based Synchronous communication where one program in a system request service to a system which is located in different environment.

Ibra's Restaurant web application (Laravel, PHP, JavaScript, CSS, HTML, Website link:- Ibra's Burger)
- Developed interactive Burger website with GUI focused on HTML, CSS and validations in PHP, JavaScript.
- All the routing functions of data were developed in the Laravel Framework with MVC design model.
- Roles like User and Admin were created on the website where the admin was granted special privileges of modifying the items.

Implementation of Lamport's Algorithm, Vector Clock Algorithm that enable totally ordered multicast and locking schema to protect resources in your Distributed System (Java/ Socket Connection)
- Developed Lamport's Algorithm with a logical clock which is used to determine the order of events. The events typically ordered in random order based on when they occurred.
- Developed Vector Clock Algorithm with a logical clock which is used to determine the order of events. The events occurred in a sequence as the respective process gets executed.
- Developed a locking schema to protect a resource where only one process accesses the resource at a time.