

# Aditya Dattatray Bhogte

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## 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, JavaScript.  
**Web Technologies / Frameworks:** Flask, Laravel, Spring, ReactJS, Node.js, HTML 5, CSS 3, Bootstrap, Restful APIs.  
**Database:** MySQL, Oracle Database, MongoDB, SQL, Amazon RDS, Redis, SQLAlchemy  
**Software Testing Technologies:** Junit, Pit, Jacoco.  
**Cloud Services:** AWS, Microsoft Azure, IBM Cloud (Bluemix).  
**Tools and Software:** Docker, IntelliJ IDEA, Eclipse IDE, Visual Studio Code, PyCharm, Jupyter Notebook, WordPress, Selenium, GitHub Desktop, SQL Management Studio, MSSQL, Net Beans, Tomcat Server

## EXPERIENCE

**Software Engineer Intern, Quality Kiosk- Mumbai, India**

Jan 2018-July 2018

- Designed and worked with development team for creation of Modules, layouts and webpages.
- Developed a GUI with glossy effect and animation that helped to enhance the webpages.
- 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- 3.7/4.0)**

Aug 2019 - May 2021

Master of Science in Computer Science

Coursework: Design & Analysis of Algorithms, Advance Topics in Data Base: Cloud Computing, SpecialTopics in Software Engineering: Automated Testing, Web Data Management, Distributed Systems, Data Analysis & Modeling Techniques, Database Systems.

**University of Mumbai, Mumbai, India, (GPA- 3.7/4.0)**

Aug 2014 - Jun 2017

Bachelor of Engineering in Information Technology

Coursework: Object-Oriented Programming, Data Structure & Algorithm, Big Data Analytics, Advance topic is Software Engineering

## COURSE PROJECTS

**Web Application Development on Cloud Platforms (Flask, Amazon web Services, Microsoft Azure, IBM Bluemix)**

- 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)[[Git Hub](#)]**

- 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.

**Clone: Instagram Clone web App using MERN stack - (Mongo DB, Express.JS, React.JS, Node.JS, Restful APIs)[[Git Hub](#)]**

- Created JWT based authentication for login. Implemented features as Uploading the images, viewing the profile, Giving a like to user's images.
- Programmed the front-end in HTML, CSS and Javascript for responsive web design.
- Accessed Restful APIs of Stackoverflow and separated the Questions and answers using Python and SQLAlchemy.

**Web Scrapping on top 500 movies(Python, BeautifulSoup, SQLite)[[Git Hub](#)]**

- Performed web Scrapping on [metacritics](#) website using BeautifulSoup framework for top 500 movies.
- Created data of movie name, directors and actors working in a movie and also listed Top 500 best actor/actress and directors.
- Created a database using SQLite which store the data and shows the relation between which directors/actor that worked together.

**Ibra's Restaurant web application (Laravel, PHP, JavaScript, CSS3, HTML5,MYSQL, Bootstrap 5)[[Live Demo](#)][[Git Hub](#)]**

- Developed interactive Burger website with GUI focused on HTML, CSS and validations in JavaScript, PHP.
- 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, enabled Shared locking schema to protect resources in the System (Java, SQL)[[Git Hub](#)]**

- Developed Lamport's Algorithm with a logical clock which is used to determine the order of events(random).
- Implemented Vector Clock Algorithm with a logical clock which is used to determine the order of events(sequence).
- Developed a locking schema to protect a resource where only one process accesses the resource at a time.