

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: Proficient: Python, JAVA, SQL, Familiar: JavaScript, C, PHP.
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, IpserLab LLC, SanFransisco, CA, USA July 2021 – Present

- Participated in complete software development lifecycle, including requirement gathering, design, analysis.
- Collaborated effectively with various teams – DevOps team, backend development team and QA team.
- Analyzing the Deployment code, developing a specific component in a web page and Fixing bugs if available any.

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 also solved the challenges like bug fixing in the final phase of the project which reduce complaints 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- 7.18/10) 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.

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

- Performed web Scrapping on [metacritics](#) website using Beautiful Soup 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.