

Bhavana Maramreddy Buchannagari

bhavana.mb9@gmail.com | 682-414-4612 | Arlington, Texas | <https://www.linkedin.com/in/bhavanamb9/>

SUMMARY OF QUALIFICATIONS

Computer Science graduate with an emphasis in Machine Learning and Database. Three years of experience in developing and enhancing mobile and web-based applications using JavaScript, HTML, CSS, React and AngularJS. Thorough understanding of object-oriented programming concepts, data structures and MVC frameworks.

EDUCATION

Master of Computer Science, GPA - 3.7

The University of Texas at Arlington, Arlington, TX

May 2021

Relevant Coursework: Algorithms, Data Mining, Information Security, Machine Learning, Artificial Intelligence

Bachelor of Technology, Computer Science, GPA – 8.05

GITAM University, Hyderabad, India

May 2015

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML5, CSS3, SQL, Java, PHP, C++

Technologies: ReactJS, AngularJS, Laravel, AJAX, JSON, Flask, jQuery, Android, WordPress

Applications: Eclipse, PyCharm, Visual Studio IDE, phpMyAdmin, Jenkins, Git

EXPERIENCE

Frontend Developer

Virtusa Corporation, Hyderabad, India

June 2015 – April 2018

- Developed Single Page application using the AngularJS framework.
- Programmed Service Integrations using Restful APIs.
- Created models, controllers, views and routers. Utilized MVC principles to ensure a clean architecture and a lean codebase.
- Built and deployed jobs in Jenkins for automated deployment in development and QA environments.
- Proficient in developing Modular design patterns in JavaScript.
- Designed and maintained front-end page layout using HTML, CSS, JavaScript.
- Worked in an Agile environment in sprints and participated in the conceptualization and implemented web features for various applications.
- Collaborated with UX designers, developer and implemented applications as per the design and technical specifications.
- Skilled at debugging and resolving functionality issues.

Intern

Virtusa Corporation, Hyderabad, India

Feb 2015 – April 2015

- Developed examination portal for recruiting graduate students.
- Used J2EE, Spring MVC and SQL to develop an application through which students can take the test and recruiting team can review the results. Developed Java components using JSP and Servlets
- Created Unit Test Cases using JUnit.

PROJECTS

Adopt Pet Website(ReactJS), [Github Link](#)

API based application to improve the efficiency of search during adoption. Implemented the drop-down based search using Custom Hooks and used Context to set theme. Used Reach Router for navigation to the pet details page. The web application uses Error Boundaries technique to handle API limitations.

Book Search Using Ranking Algorithm (Python, Flask), [Website](#)

Built a book search engine. On searching using text data, displayed the most relevant books. Used Term Frequency and Inverse Document Index and calculated the cosine similarity to measure the relevance between the query term and matched book titles.

Online Restaurant Management System (HTML, CSS, JavaScript, PHP, Laravel), [Website](#)

Developed a responsive web application with attention to details using Laravel PHP framework for an online restaurant to manage menu, website content and customer data.

Portfolio Website (ReactJS, JSX), [Website](#)

Built personal portfolio website using ReactJS. Developed the components using JSX. Used React Router for routing and Menu navigation.

Classifier to Predict Book Genre (Python), [Website](#)

Developed a classifier to predict the genre of a new book by training on six different classes(genres) of book data. Used Multinomial Naive Bayes for predicting class, training data and calculating accuracy.

Buyonic Mobile Application

Developed a one-stop buy/sell android application for UT Arlington community.