RAMYA BHAT

2, Larkspur way, unit 11, Natick, MA   *Email*: rambhat@bu.edu

Ph.: +1-508-665-9724   LinkedIn | GitHub | Ramya Bhat Portfolio

---

Objective:

Continuous improvement and growth is my motto. Offering expertise in full stack application development and Project management. Willing to relocate or work remotely for both full-time and internship opportunities.

Education:

Boston University	Graduation: May 2020
Master's in Computer Information Systems	CGPA: **3.7/4**

Shri Madhwa Vadiraja Institute of Technology and Management, Udupi, India	Graduation: June 2018
Bachelor of Engineering, Computer Science & Engineering	CGPA: **3.8/4**

Technical Skills:

Programming languages & Technologies – Java, Python, R, JavaScript, NodeJS, ExpressJS, MongoDB, HTML, CSS, PHP, MapReduce, MySQL
Applications Software & services– MS Office, Bootstrap, Dreamweaver, Oracle, Amazon Web Services, Adobe XD
Operating Systems – Unix, Linux, Windows, Mac

Work Experience:

Graduate Teaching Assistant   Aug 2019-Dec 2019
Boston University, Boston, USA
- Teaching Assistant to Professor Dr. Vijay Kanabar and Professor Richard Maltzman for Program Management - MET AD 646

Teaching Assistant Internship   July 2018-Sept 2018
Pradhan Mantri Kaushal Kendra-Training Center, Udupi, India
- This is a flagship scheme, started by the Ministry of Skill Development & Entrepreneurship in India. I volunteered as a teaching assistant/ technical writer to teach a class comprised primarily of women who wanted to build their skillset in Java.

Academic Projects:

Poundy Mobile App – UI/UX development Agile Methodology
- Designed UI/UX for 'Poundy', a mobile app that helps you control your eating habits, stay fit and enjoy a healthy lifestyle.
- Worked in an agile environment under Professor Dr. Vijay Kanabar as a Scrum Master. See project: Poundy App Adobe XD

Pupsicle Web App – Full Stack Web Development
- Designed and developed a dynamic responsive full stack web application - Tinder for dogs using Bootstrap, NodeJS, MongoDB.

Resource Hopper – Web Development
- Played the role of requirements and quality assurance engineer for the project Resource Hopper which let Managers/Product owners assemble a team of resources that are best suited for the project based on requirements and time zone. See Project

Shopping Express – Full Stack Web Development
- Developed a fully functional shopping cart in NodeJS, ExpressJS and MongoDB. Integrated this app with a payment provider.

Web Crawling and Scraping
- Implemented a web scraping project using NodeJS and Cheerio to crawl static webpages and extract structured data to analyze the market trend, monitor dynamic pricing and optimize revenue for the Pupsicle project. This project also includes automated tests.

Spam classifier – Data Science and Analytics
- Built a machine learning model for classifying Email's and SMS into spam by parsing through text using Recurrent Neural Network (RNN) and Long Short-Term Memory (LSTM) Networks.

H1B Visa Petitions Analysis – Data Science and Analytics
- Developed an R project to get deeper insight about the H1B applications filed in United States of America and also to predict the case status of an application submitted by the employer to hire non-immigrant workers under the H-1B visa program. See Project

Twitter Sentiment Analysis Using MapReduce – Data Science and Analytics
- Estimated the public's perception of each tweet by parsing the JSON data returned from the API and implementing MapReduce.
- Calculated the TF-DF (term frequency-document frequency) of terms in a tweet out of a large data set of tweets in Python.

Go-go Mart Mobile App - UI/UX development and Project Management
- Go-go Mart is an all-in-one deal search platform that empowers customers with the rights of choice by automating the filtering process. Played the role of project manager and designed the UI/UX for mobile app. See Project

Volunteering Activities:

- Volunteer for **WOMEN WHO CODE- BOSTON**: https://www.womenwhocode.com/boston.