

Bhavesh Tadikonda

[linkedin.com/in/bhaveshtadikonda/](https://www.linkedin.com/in/bhaveshtadikonda/) | bhavesht@bu.edu | 857 540 8950

<https://bhaveshtadikonda.github.io/Bhavesh/> | Boston, MA

Education

Boston University, Boston – MA, USA

Expected May 2021

Master's in Computer science

Related Coursework: System Designing, Data Mining, Web UI Development, Machine Learning, Software Platforms, Data Analysis and Visualization, Analysis of Algorithms, Operating Systems, Web Analytics and Mining.

Amrita University, Coimbatore – Tamilnadu, India

August 2013 - May 2017

Bachelor's in Electronics and communication

Related Coursework: Object-Oriented Programming, Computer Networks.

Work Experience

Agot.ai, Pittsburgh PA, US — *Software Engineer Intern*

June 2020 – August 2020

- Designed and Implemented RESTful endpoints for Analytics of food preparation leveraging Python, Postgres, web security using OAuth 2.0 protocols.
- Developed GET and PUT REST API's for fetching and updating the Orders information from POS, maintained history of all update operations of store orders in database.
- Integrated Universal Omnivore API's for product, which can be used for integrating any restaurant POS.
- Implemented proper periodic events for POS integration using schedule framework.
- Technologies: Git, Flask, Python, REST, MongoDB, SQL Alchemy, MySQL.

Cognizant technology solutions, Bangalore, India — *Programmer Analyst*

April 2018 – July 2019

- Built frameworks to ease data transfer from one network to another. This reduced data leakage by 63%.
 - Enhanced user interfaces to build advanced UI features for group protection plans
 - Collaborated on the automation framework and increased the quality of product (Internal tool).
 - Technologies: Selenium, Java, Git, JIRA, Eclipse, Test bed.
-

Project Work ([Click Here](#))

Book online store- e-Commerce website

- Designed and Implemented full-stack web application which facilitates user to browser books, add to cart and purchase them.
- Amplify used to connect with Backend, appsync used to handle CRUD operations, pipeline resolver to build process payments and allow 3 types of user(Admin/Customer/Guest) to grant permission according to the role.
- Technologies: Amplify, AppSync, Dynamo DB, S3, Lambda services in AWS, React Hooks, React.js, Stripe

Image Search API

- The project was aimed to develop search for Images and browser recent search queries.
- Using paginate through the responses by adding offset value, GET RESTful method for retrieving the data.
- Technologies: Express, Cors, Bing Search API, MongoDB, Mongo Atlas

Real Time Messenger application

- Project aimed to develop a Real-time data transfer between persons using node.js for backend, front end react.js and socket.io for enables real time communication between web clients and server.
- Concepts of send and receive messages using web sockets and socket.io to make real time application.

Experimental Web Search engine

- Search engine was developed and used to retrieve most relevant information from the BU web pages for query.
 - Term frequency – Inverse document frequency (tf-idf), Cosine similarity, python was used.
-

Skills and Tools

Programming Languages Python, JavaScript, Java, Typescript.

Databases Relational (MySQL, MS SQL), Non-relational (Redis, MongoDB).

Tools & Platforms Git, JIRA, AWS, Docker, Django, Flask, Node.js, REST, React.js, Angular

Data Science Tableau, Hadoop, Spark, NumPy, Pandas, TensorFlow, Keras, Pytorch, Sklearn.

Other Skills User Experience Designing, Product Management, Research, Communication Skills, HCI.