

# DHEERAJ BOMMAREDDY

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## EDUCATION\*

Northeastern University

Master of Science in Software Engineering Systems

Courses: Data Structures, Object Oriented design using java, Web Designing, Database Structures, UI/UX research, Web Tools

Boston, United States

December 2023

## PROFESSIONAL EXPERIENCE

**Hypertune Technologies**

Junior Software Developer

Hyderabad, India

Mar 2021 – Dec 2021

- Improved Android application that offers software as a service to simplify management operations like data collection, asset tracking, and report generation. Developed web services, APIs and coordinated with other technical teams for implementation of portal solutions to support API Tasks covered while the development process was Designing Database, UI Creation, Backend Development, managing Web Services and Deployment of Application, Collection of GPS data to track the live location of the user by using Location Manager.

**Microbase Computers**

Software Developer Intern

Hyderabad, India

June 2020 – Feb 2021

- As a software developer intern, I gained valuable experience in developing web applications and interfaces using HTML, CSS, JavaScript, and React. I actively contributed to the design and implementation of reusable and functional components utilizing React, React Router, and React Native. My responsibilities included creating page layouts and incorporating features like pagination and dropdown menus using HTML and CSS. I successfully utilized AJAX with React to optimize rendering speed. Moreover, I designed responsive web pages and stylesheets using HTML, jQuery, and CSS to effectively display user information. Throughout my internship, I collaborated closely with Agile teams and front-end developers to deliver innovative and responsive web products.

## ACADEMIC EXPERIENCE

**Wirefly**

Dec 2022

- Wirefly is a network plan finder application built using Node.js, MongoDB, JavaScript, HTML & CSS. It allows users to easily search for and join mobile plans. The application offers features such as plan filtering, sorting, and comparison tools. Users can create profiles, receive notifications, and benefit from mobile carrier integration for real-time plan information. Wirefly simplifies the process of finding and managing mobile plans through its user-friendly interface and robust technology stack. I did QA/QC of my code, application, design and fixed the problems to successfully meet my hypothesis.

**Pet Care Web Application 2.0**

June 2022

- Developed a pet care web application using the Spring Boot framework, Hibernate ORM, and MariaDB relational database management system. Implemented RESTful web services using Spring Boot annotated controllers to handle HTTP requests and responses.
- Integrated Hibernate with MariaDB to implement Object-Relational Mapping (ORM) and manage database transactions. Incorporated real-time communication functionality using Socket.IO for the chatbot with pet professionals.

**Roaming GO**

Mar 2022

- Designed a fashion e-commerce application using Figma with screens for Home, Men's wear, women's wear, kids wear, Accessories, cart and Profile. Implemented a server-side RESTful API using Node.js to handle requests and responses for the different screens of the application.
- Developed API endpoints and methods for fetching and filtering data related to fashionable clothes, trending collections, and user profiles. Ensured a smooth and intuitive user experience with consistent UI design patterns, clear visual hierarchy, easy-to-read typography, and accessibility standards. Tested the API endpoints using tools such as Postman or Swagger to ensure they are working as expected, and handled error responses, input validation, and secure authentication/authorization mechanism.

## TECHNICAL SKILLS

**Programming Languages**

Java, C, C++, Python, JavaScript, React, Node.js

**Web & Databases**

HTML, PHP, CSS, Bootstrap, REST, MySQL, Oracle DB

**Tools & Frameworks**

Git, Apache Spark, Eclipse, R Studio

**Other Skills**

Object - Oriented Programming, Algorithms, Data Structures, Code Analysis, building Distributed

Distributed Systems, Multithreading, Programming design and paradigm