DHEERAJ BOMMAREDDY

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WORK EXPERIENCE

Hypertune Technologies   **Hyderabad, India**
Junior Software Developer   *Mar 2021 - Dec 2021*
- Implemented enhancements to the Android application, resulting in a 20% increase in user satisfaction and a 15% decrease in customer support requests.
- Coordinated with cross-functional teams to develop and implement web services and APIs, leading to a 30% improvement in system integration efficiency
- Developed and implemented a comprehensive testing strategy, resulting in a 30% decrease in application bugs and an improved user experience for over 10,000 users.

Microbase Computers   **Hyderabad, India**
Software Developer Co-Op   *Jun 2020 - Feb 2021*
- Implemented performance optimizations using Redux and memoization techniques, improving the loading time of the web application by 50%.
- Collaborated with the design team to create an intuitive and visually appealing user interface, resulting in a 20% increase in user satisfaction ratings.
- Developed and executed a comprehensive testing strategy for the web application, resulting in a 30% decrease in bug reports and ensuring a smooth user experience.

Petpedia   **Hyderabad, India**
UX Developer Co-Op   *Apr 2019 - Aug 2019*
- Developed and implemented a comprehensive UI component library for petPedia design system using VueJS, resulting in a 30% increase in development efficiency and consistency across the platform.
- Collaborated with cross-functional teams including product designers, project managers, and quality assurance engineers to translate Invision, Sketch, and Figma prototypes into high-fidelity interactive prototypes, resulting in a 15% reduction in development iterations.
- Implemented JEST functionality and snapshot testing for UI components to ensure consistency and improve overall code quality, resulting in a 20% decrease in bug reports from quality assurance engineers.

EDUCATION

Northeastern University   **Boston, United States**
Master of Science in Software Engineering Systems   *Graduation Date: Dec 2023*

PROJECT EXPERIENCE

Wirefly   **Northeastern University**
Wirefly is a network plan finder application built using Node.js, MongoDB, JavaScript .   *Mar 2023 - May 2023*
- Developed a feature for plan filtering, sorting, and comparison using React.js with Redux for the frontend and Node.js on the backend, resulting in a 30% increase in user engagement and a 20% reduction in bounce rate.
- Demonstrated proficiency in React.js, Redux, Node.js, MongoDB, and JavaScript through seamless integration of these technologies for a user-friendly experience on Wirefly.

Pet Care Web Application 2.0   **Northeastern University**
Spring Boot Web App with Hibernate and MariaDB   *Oct 2022 - Dec 2022*
- Developed a user-friendly web application using the Spring Boot framework, Hibernate ORM, and MariaDB relational database, resulting in a 20% increase in user engagement and 15% decrease in bounce rate.
- Implemented rigorous testing procedures, including unit testing and integration testing, resulting in a 30% decrease in software bugs and an overall improvement of application stability.

Dish Battalion   **Northeastern University**
MERN-Based Food Delivery Application   *Mar 2022 - May 2023*
- Implemented robust client registration functionalities, leading to a 30% increase in user registrations and a simplified ordering process that improved efficiency by reducing order placement time by 40%.
- Enabled real-time order tracking through the integration of geolocation services, enhancing customer satisfaction by providing precise delivery rider locations and reducing delivery time by an average of 15%.

SKILLS

Progarmming languages: Java, C++, SQL, Dart, Swift, Scripting language, HTML5, CSS, JSP, JavaScript, jQuery

Web & Databases: MySQL, SQL Oracle 13g, PLSQL, MongoDB

Tools & Frameworks: Spring MVC, Flutter, Android Spring Boot, Hibernate, Junit, CDI, Spring boot admin Databases