

RISHITHA BOMPALLY

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A highly motivated and results-oriented Developer with experience in developing robust, scalable applications. Possessing experience in Java, PHP, Python, MySQL, and modern web development frameworks. Adept at problem-solving and passionate about building efficient, high-performance solutions for complex software challenges. Seeking an onsite position to contribute technical skills and expand knowledge in emerging technologies. Committed to continuous learning and staying updated with industry advancements.

Skills

- **Programming Languages:** C, Java, Java Script, Python, HTML5, CSS3 React, Bootstrap.
- **Databases:** My SQL.
- **IDE Tools:** IntelliJ, Microsoft Visual Studio, Microsoft Excel, Microsoft word, Microsoft Excel, Spyder.
- **Soft Skills:** Collaborative, Adaptable, Active Learning.
- **Version Control:** Git, GitHub.

Projects

STUDENT FEEDBACK FROM

- Developed a dynamic web application for collecting student feedback using **HTML, CSS, JavaScript, PHP, and MySQL**.
- Designed responsive and user-friendly front-end interfaces to facilitate easy feedback submission by students.
- Implemented robust back-end processes with **PHP** to validate and process feedback data securely.
- Created an efficient **MySQL** database schema to store, manage, and retrieve student feedback data.
- Developed data visualization components to analyze feedback trends and performance metrics for college administrators.
- Ensured real-time data collection and reporting to support data-driven decision-making in academic planning.
- Focused on user privacy and data integrity throughout the application development process.

STRAY PET ADOPTION

- Developed an innovative stray pet adoption mobile application using **MIT App Inventor**, sponsored by Brain vision Solutions Private Limited.
- Designed engaging user interfaces and promotional graphics with **Canva** to enhance the overall user experience.
- Integrated **Firebase** for real-time database management, user authentication, and seamless data synchronization, ensuring secure and scalable handling of pet profiles and adoption requests.
- Implemented features that allow users to view detailed pet profiles, submit adoption inquiries, and receive real-time updates through **Firebase Cloud Messaging**.

E-COMMERCE STORE

- Developed an online store featuring secure user authentication and seamless payment processing.
- Built a responsive and dynamic frontend using **React**, ensuring an intuitive user experience.
- Implemented robust user authentication and authorization mechanisms to safeguard sensitive data.
- Integrated the **Stripe API** to manage payment processing, including secure handling of credit card transactions and refunds.
- Designed and developed a backend with **Node.js** to handle server-side logic, **RESTful API** endpoints, and business operations.
- Utilized **MongoDB** as the primary database to store product listings, user profiles, order details, and transaction records.
- Created secure **API** endpoints for user registration, login, product browsing, and order management.
- Ensured a smooth and reliable **shopping experience** with real-time notifications and comprehensive **error handling**.
- Followed best practices for **security**, **scalability**, and **maintainability** throughout the development process.
- Conducted rigorous testing to validate the **functionality**, **performance**, and **security** of the **online store**.

Education

Kamala Institute of Technology and Science, Huzurabad (2022- present)

CERTIFICATES

Hacker Rank: Earned a Silver badge in Hacker Rank

NPTEL: Gained a Certificate on completing a 12-week course on Python which is sponsored by National Programme on Technology Enhanced Learning with a Percentage of 70.

Real Time Research Project: Received a Certificate on doing a Real Time Research Project (RTRP) of a Stray Pet Adoption App using Mobile Interface Technology (MIT)

Silver badge in hacker rank