RUTHVIK REDDY MUPPIDI

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TECHNICAL SKILLS:

- Programming Languages: Java, Dart, R programing, MySQL.
- Web Based Technologies: HTML5, CSS, JavaScript, React JS, Node JS, JSP.
- Frameworks: Spring MVC, Spring Boot, Spring JDBC.
- Databases: My SQL, Mongo dB, Firebase Database.
- Version control: Git.
- Testing Libraries: Junit.
- Tools/Services: IntelliJ, Eclipse, Visual Studio, Google Cloud Platform (GCP), Android Studio, Flutter, MQTT.

EXPERIENCE:

SaNa Software services Pvt Ltd   **Hyderabad, India**
Full stack developer   *(May 2018- June 2019)*

- Implemented the robust rest API services for clients.
- Estimated effort for architecture, design, and development tasks. (Requirement Analysis)
- Coordinated analysis, design, implementation, and test of an Android Application.
- Acted as the primary point of contact to address bugs and corner cases in the code.
- Worked closely with product managers, editorial and business partners to understand software requirements.
- Built reusable code and libraries for future use.

PROJECTS:

Android Application (Emergency)- Using this app, you can store emergency contacts which can help save your life if you were to be in an unfortunate accident. It also shows nearby pharmacy, medical stores, blood banks.

- Successfully integrated Android Application with the Firebase Database.
- Get the Location of the User with the Location Services and save the last known location in the Firebase Database for the future use.
- With the help of SMS services in the Android, send the Location status to the Emergency contacts.
- Application will show the nearby Users blood group with the help Location Services which were taken at the time of Registration.

Flutter Application (Cross-platform Application for both Android and IOS) - Donate – Using this app, we can initiate a campaign for a cause. People who are interested will donate for that respective campaign.

- Successfully integrated Flutter with the MongoDB with Nodejs as Backend Language.
- Created RESTful APIs for the Application with the help of Express JS.
- Created Object Models with the Mongoose library.

Android Application (Daemon Service) - Runs continuously in the Backend Operating System and get the data like running services, threads etc.

- Successfully integrated with the MQTT broker.
- Successfully able to get the backend OS data to the Android Application through MQTT broker.

EDUCATION:

University of Central Missouri   **Lee's Summit, MO**
Master of Science in Computer Science; GPA:3.83/4.0   *AUG 2021*

Coursework: Advanced Algorithms, Advance Mobile Application Development, Advance application programming in Java, Advance Database Systems, Advance Operating Systems, Advance Software Engineering.

Jawaharlal Nehru Technological University   **Hyderabad, India**
Bachelor of Science: Engineering in Computer Science; GPA: 3.2/4.0   *May 2018*

Coursework: Data Structures, Object Oriented Programming, Database Applications, Operating Systems.