

RUTHVIK REDDY MUPPIDI

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SUMMARY:

Software Engineer with almost 2 years of experience in Software Development with strong skills in Analysis, Designing, Development and Testing of Web based and Mobile based Applications using Java and JavaScript libraries and helped in building and shipping products as a Full stack developer.

EDUCATION:

University of Central Missouri

Lee's Summit, MO

Master of Science in Computer Science; GPA:3.77/4.0

May 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.

TECHNICAL SKILLS:

- Programming Languages: Java, Dart, R programming, SQL.
- Web Based Technologies: HTML5, CSS3, XML, JavaScript, Bootstrap 4, React JS, Redux, Express JS, Angular 4, Typescript, Node JS.
- J2EE Technologies & Frameworks: Spring MVC, Spring Boot, JSP.
- Web services: RESTful.
- Cloud services: Docker
- Databases: My SQL, Mongo dB, Firebase Database.
- Version control: Git.
- Testing Libraries: Jasmine, Jest
- Tools/Services: JIRA, IntelliJ, Eclipse, Visual Studio, Google Cloud Platform (GCP), Android Studio, Flutter, MQTT., Retrofit

PROFESSIONAL EXPERIENCE:

Novo ProSo, Inc.

(Warrensburg, MO)

Full Stack Developer – Intern

(Jan '21 –Present)

Responsibilities:

- Implemented client-side Interface using React JS.
- The back-end use of **Node JS**, **Express JS**, **MongoDB** and **Mongoose**, the complete **MERN** Stack to provide **RESTful API**.
- Build user interfaces differently by breaking them into components using **React JS** and used a real, full featured programming language to render views, with **React JS**.
- Worked on responsive design and developed a single **ISOMORPHIC** responsive website that could be served to desktop, Tablets and mobile users using **React JS**.
- Handled **Http Requests using Axios** which supports Promise API functionality native to JS **ES6**.
- Used **JWT** mechanism for authentication and authorization security configurations using **Node JS**.
- Worked with unit testing of JavaScript applications using **Jest**.

SaNa Software services Pvt Ltd

Hyderabad, India

Full stack developer

(May 2018- June 2019)

- Developed a **Micro Service Oriented application** with **React JS** in the front end and **Spring Boot** services.
- Developed and implemented views using **HTML5**, **CSS3**, **Bootstrap 4.0**.
- Implemented various screens for the front end using **React.js** and used various predefined components from **NPM (Node Package Manager)**.
- Written several **Axios service calls** like **GET** and **POST** to make **REST service** call.
- Used React **Router** to create a **Single Page Application (SPA)** which can bind data to specific views and synchronize data with server
- Developed and deployed **Micro Services** based applications using **Spring Boot**.

- Responsible in providing a **rich UI design** to the **Android** Native Mobile applications.

SaNa Software services Pvt Ltd

Android developer - Intern

Hyderabad, India

(June 2017- Dec 2017)

- Involved in gathering details of project requirements and outlining.
- Utilized Shared Preferences to store and maintain user information.
- Utilized SQLite DB for storage of raw queries.
- Designed and created customize Dialogs.
- Used Android services to deal with **Bluetooth communication**.

ACADEMIC 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.