BANGARU AMRITA

+91 957 387 8994
bangaru.amrita1110@gmail.com

EDUCATION

Rajiv Gandhi University of Knowledge Technologies, Basar, India   Jul 2018 - Present

Bachelor of Technology, Computer Science and Engineering, GPA: 8.36, SGPA(SEM IV): 8.95
Relevant Coursework: Android Development, Web development

PROJECTS

Online medical consultation System   March 2021 - present

○ It is a website that allows a patient to book appointments online. We also remind patients to take medicines on time. Doctors get their daily schedule and upcoming appointments in prior. Doctors can view the medical history of patients with one click. We used NodeJS and ExpressJS for Backend programming and MongoDB as the database. We designed the website using HTML,CSS,Javascript.

U-MEssenger: a privacy focussed messenger application   Mar 2021

○ An android app that allows messaging, audio and video calls between two users without the use of third-party servers to protect the privacy of the users. It uses JAVA ServerSocket to transfer data, Jitsi library to create a room, and connect to a secure video conference and QRGenerator to encode and decode IP addresses. U-MEssenger secured the first position at the Application development hackathon conducted by IIIT Hyderabad.

Daily Dairy: Dec 2020 - Jan 2021

○ Daily Dairy is a company-owned android application that facilitates its customers to order milk from various subscription plans available and also specify the suitable timings and delivery instructions. The organization is made known if the consumers wish to cancel their subscription on a particular day. This app can help the company to keep track of the dispatched deliveries and unfinished deliveries on the present day.

○ This is a Java-based project that used the spring boot framework, Firebase Cloud Messaging service, Firebase OTP verification service.

○ I specifically worked on UI and backend development.

KwikBag: an Online grocery platform   May 2020 - present

○ A simple and easy app intended to bridge the gap between customers and local merchants. It would ease the searching, viewing, and purchasing of groceries and results in faster deliveries. Merchants can display their products and discounts. It helps them to track their payment methods and receive orders. We employed many third-party libraries such as Retrofit to interact with RESTful web services, Google maps API to capture coordinates of a specified location and Cashfree API to make payment transactions. I also learned to make endpoints that enable the app to access resources on a server using the Spring boot framework..

RIDE: Rural India Development and Empowerment   Dec 2019 - Feb 2020

○ Through RIDE doctors can analyze the regional epidemic outbreaks and alert the people in the rural parts of India with required precautions. People can also contact the nearest government hospital and receive faster medical help in times of emergency. We used Firebase real-time database(a NoSQL database) to store the required details and Firebase OTP verification for validation of phone numbers. Learned to design the user interface(UI) using XML and make the app dynamic by connecting with the backend.

AWARDS/HONORS

○ Secured 1st position in Hackathon 2021 held by IIIT-Hyderabad, India for presenting U-MEssenger: a privacy focussed messenger application
○ Post-Matric Scholarship (2018-present) by Government of Telangana, India

TECHNICAL SKILLS

- Programming Languages: C, Java, HTML, CSS, JavaScript, MySQL
- Frameworks: SpringBoot, NodeJS

WORKSHOPS/CONFERENCES ATTENDED

- Webinar on Basic Web Development, ShapeAI (April 2021)

VOLUNTEER EXPERIENCE

- July 2019 – Present: Hope House, RGUKT
  - Helps underprivileged communities by conducting art fairs to raise funds and quizzes for underprivileged children.

OTHER SKILLS

- Languages: English, Telugu, Hindi
- Sports:
  Athletics: Individual Athletic Champion for the year 2016,2017,2018
  Badminton: participated in Eenadu state-level championship 2017