

Sai Rithesh Reddy Ganta

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Objective

Aspiring to pursue a Master's degree in Computer Science to endeavour my dream of building a career in the software development, networking and cloud computing strategies.

Education

Amrita Vishwa Vidyapeetham, Bengaluru, India.

2018–Present

Bachelors of technology in Computer Science Engineering., CPGA: 7.22/10

Relevant Coursework

Data Structures and Algorithms, Computer Organization & Architecture, Computer Networks, Software Engineering, Object-Oriented Programming System, Deep Learning and Neural Networks, Database Management System, Operating Systems and Cloud Computing Architecture.

Technical Skillset

- Languages: C, Java, Python, NodeJS, React Js, JavaScript, Mongo DB, MySQL, PHP, Html, and CSS.
- Software/Development tools: Visual Studio, Android Studio, GitHub, Anaconda, PyCharm, Postman.

Experience

- **RedFowl InfoTech** **July 2021 – October 2021**
Full Stack Developer Intern in **MapU** team.
 - Worked on designing a futuristic solution called MapU (an E-Commerce application for unorganised sector) which establishes a bridge between sellers, service providers and customers.
 - Worked on Registrations and Login form along with feature like the basic map design.
 - Worked on analysing the requirements of the application and solve the challenges like implementing the Two-Step Authentication and a GPS to bridge the consumer to the nearest target.

Projects

- **Courier Tracking App** **June 2021 – July 2021**
 - A multi-carrier tracking app that provides automated shipment tracking for orders shipped by different courier services.
 - Implemented a feature where a user can just enter the order tracking number and look up the status.
 - React Native, Node JS, and MongoDB are used for the implementation of the app.
- **Target Review** **May 2021 – June 2021**
 - A mobile-based application front-end for the location recommender system created.
 - The application tracks the user's location and then displays the recommended restaurants along with reviews, ratings, and distance to the user using
 - Tech Stack used for building are Java, Android SDK, and other Android development tools.
- **Study Buddy** **February 2021 – March 2021**
 - The goal is to provide a way to enable the students to meet on a single platform, providing option to communicate and provide them with a few essential features that would make learning more efficient.
 - Hosted it on AWS server as a static website and on Heroku as a dynamic website.
 - Node.js, Express, Socket.io, HTML, CSS, and Mongo DB is the Web Stack used.
- **Expense Tracker** **January 2021 – March 2021**
 - My Team have collectively designed an expense tracker web application.
 - Aims is to maintain a track of all the expenses and classify them based on the categories defined by the user and provide alerts.
 - MERN Stack was used for the development of the application.
- **Image Segmentation** **November 2020 – December 2020**
 - Developed techniques for the segmentation of single or multiple object(s) from an image in presence of foreground and background textures.
 - Demonstrated the efficiency and correctness of our proposed methods using a set of sufficiently difficult simulated and real-world images.
 - Implemented the project using UNET, ReLU and Keras.
- **Library Management System** **September 2020 – November 2020**
 - A management system that lists the books based on the user's mood.
 - The user selects a particular genre and the system lists the books in that category.
 - As it's a web application I have used HTML, CSS, MySQL and PHP in the technology stack.

Certifications

- Completed the AWS Certification requirements and achieved their **AWS Certified Cloud Practitioner** certificate in 2021.
- Completed 15 Quests on Cloud Computing conducted by Google Cloud Platform (GCP) earning badges on **Qwik Labs** in 2020.
- Awarded certificate of completion of AWS Fundamental Specialization, Google Cloud fundamentals and Amazon DynamoDB Courses in Coursera in 2019 and 2020.
- Awarded certificate of excellence by **International Mathematical Olympiad (IMO)** and **International Science Olympiad (ISO)** in the year 2015.

Positions of Responsibility

- **Lead Member - Live in Labs program** (Amrita Vishwa Vidyapeetham, Amritapuri) **Sep 2020 – Nov 2021**
 - A Multidisciplinary experiment learning program that facilitates the study and development of long-term solutions to rural India's problems.
- Part of the **Technical Wing, Aykya'20** (The first-ever "Digital Multifest-Aykya" of Amrita-Bengaluru.)
- A member of the **AAROHAN'18 and '19** (A Science fest) conducted by Amrita School of Engineering, Bengaluru in the consecutive years 2018 and 2019.
- A **Senior Executive** in clubs like **CHETANA** (Sports Club), **PRAKRITI** (Nature Club), **VEDANTA** (Cultural Club), and **SMRITI** (Photography Club) in my university.

Awards and Activities

- Part of the drama team representing my university in the **DR RANA DANDEKAR SANSKRIT COMPETITION** at **Fergusson College, Pune**, and my team has secured the **fourth** position. Amrita School of Engineering, Bengaluru was the first engineering college to participate in a Sanskrit competition.
- Participated in workshops on using **Panini linguistics** in the Computer Science field.
- A Goalkeeper in **Amrita University Handball Team**.
- Won Trophy Cup in the **Inter-Campus tournament** consecutively in 2018 and 2019 at Amrita School of Engineering Bengaluru and Won a Runner trophy in the **CRISPO** tournament 2019 conducted by Christ University Bengaluru.
- Part of the Prerana and Prakriti team of Amrita University-Bengaluru helped in cleaning up and refinishing the whole locality around the campus on the occasion of AYUDHA PUJA. Volunteered in planning and scheduling the events.
- Participated in the disaster awareness campaign and in the cleaning campaign conducted by **MATA AMRITANADAMAYI MATH** Organisations, Bengaluru.