

Sai Rithesh Reddy Ganta

MS-CS Graduate Student • Seeking Intern/Co-op opportunities • Graduating in December 2023
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EDUCATION

University of California, Riverside - Riverside, CA

Sep 2022 - Dec 2023

Master of Science in Computer Science & Engineering - CGPA: 3.9/4.0

Courses: Adv. Operating Systems, Artificial Intelligence, Spatial Computing

Amrita Vishwa Vidyapeetham, Bengaluru, India.

Aug 2018 - Apr 2022

Bachelor of Technology in Computer Science & Engineering - CGPA: 7.37/10

Courses: Data Structures, & Algorithms, Database Management Systems, Web-Technologies, Cloud Computing

TECHNICAL SKILLSET

Languages: C, Java, Python, NodeJS, ReactJs, JavaScript, PHP, HTML & CSS.

Databases: MongoDB, PostgreSQL, MySQL.

Software/Development tools: Visual Studio, Android Studio, GitHub, AWS, Anaconda, PyCharm, Postman.

Other Courses: Adv. Software Testing & Analysis, Info retrieval & web search, & Principles of Distributed computing.

TECHNICAL CERTIFICATIONS

- Certified **AWS Cloud Practitioner**, June 2021
- Received Certificate for 4-month internship from Redfowl Info Tech, October 2021.
- Google Cloud Qwiklab Badges, September 2020
- Coursera: AWS Fundamentals, October 2020
- Coursera: Google Cloud-Fundamentals (Core-Infrastructure), January 2021
- Coursera: Amazon DynamoDB (NoSQL database-driven Applications), December 2020

EXPERIENCE

RedFowl InfoTech

Jul 2021 – Oct 2021

Full Stack Developer Intern in **MapU** team.

- Worked on creating MapU (an E-Commerce application for the unorganized sector), a future solution that establishes a link between retailers, service providers, and clients.
- Fabricated elements like the fundamental map design, along with registration and login forms.
- The needs for the application were examined, and challenges like integrating two-step authentication and a GPS to connect the user to the closest target were resolved, increasing the security and connectivity of the product by 40 %.

ACADEMIC PROJECTS

WildFire Risk Prediction

Oct 2022 – Dec 2022

- Implemented a system that combines spatial computing tools with a machine learning model to forecast 70% of the causes and dangers of wildfires in the western part of the United States and to notify users when a wildfire is threatening their area.

Movie Recommendation System

Feb 2022 – May 2022

- A ML model was devised which uses a user's photo to assess their mood and offers music and movies depending on their viewpoints, pulling out 30% of the songs in the song library.

Courier Tracking App

Jun 2021 – Jul 2021

- A multi-carrier tracking tool that offers automated shipment tracking for orders delivered by approximately 5 courier providers.
- Implemented a feature where users may input their 6- digit order tracking number and check their status.

Target Review

May 2021 – Jun 2021

- The application tracks the user's location and then displays the recommended restaurants within 2 miles of the user's current position, along with reviews, ratings, and the distance between the user and the restaurant.

Expense Tracker

Jan 2021 – Mar 2021

- Its objectives are to keep track of all expenditures, categorize them by the user's specified categories into groups of 10, and notify the user.

Study Buddy

Feb 2021 – Mar 2021

- The idea is to create a system that would allow the students to interact with one another on a single platform, granting them the ability to communicate and expose them to a few key elements that would speed up their learning. Static and responsive versions were hosted on an AWS server and Heroku.

Image Segmentation

Nov 2020 – Dec 2020

- Created techniques for extracting a single or a group of items from a picture when there are textures in the foreground and background. Using a set of suitably difficult real-world and simulated photos, we have shown the effectiveness and accuracy of our suggested solutions, rounding up to 87% accuracy.
- UNET, ReLU, and Keras were used to carry out 70% of the project.