

# raja reddy

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github.com/raja reddy

## Summary

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Passionate and driven third-year Computer Science student with a strong foundation in software development, data structures, and full-stack development. Experienced in building AI-powered applications, scalable web platforms, and real-time systems. Eager to apply technical expertise in innovative projects and contribute to technological advancements.

## Education

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- MOHAN BABU UNIVERSITY**, Computer Science Engineering Aug 2022 – Present
- GPA: 8.99/10
  - **Coursework:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems, Machine Learning, Web Development, Software Engineering
- NARAYANA COLLEGE**, INTERMEDIATE Course Jun 2020 – Jun 2022
- CGPA: 8.65/10
  - **Coursework:** Advanced Mathematics, Physics, Chemistry, Sanskrit, English

## Experience

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- Software Engineer**, Apple – Cupertino, CA June 2005 – Aug 2007
- Reduced time to render user buddy lists by 75% by implementing a prediction algorithm
  - Integrated iChat with Spotlight Search by creating a tool to extract metadata from saved chat transcripts and provide metadata to a system-wide search database
  - Redesigned chat file format and implemented backward compatibility for search

## Projects

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- Capstone Project – Smart Parking App** -University Project Tirupati, India | January 2024 – May 2024
- Built a mobile app in Flutter to help users find available parking spots in real-time using Google Maps API and Firebase. Designed the backend using Firebase Firestore to manage user data and parking spot updates. Implemented push notifications for reservation reminders and spot availability. App was showcased at the university tech fair and received positive feedback from faculty and peers.
- Online Quiz Platform** 2024
- Designed a web application where instructors can create quizzes and students can take them in real time. Enabled automatic grading and analytics for quiz performance. Implemented user login system and role-based access (admin/student).
  - Tools Used: Python, Flask, SQLite, HTML/CSS/JavaScript

## Technologies

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**Languages:** C, Java, SQL, JavaScript, python

**Technologies:** HTML, CSS