

Jakka Krupa Ratnam

Roll No.: 22MH1A4922

Bachelor of Technology

Aditya College of Engineering and Technology, Surampalem

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Career Objective

To secure a challenging position in a reputable organization where I can effectively contribute my skills, continue to grow professionally, and work on innovative projects that solve real-world problems.

Experience

- **Google Flutter Internship** May 2024 – July 2024
Technical Hub, Surampalem Offline
 - Built and deployed a cross-platform food delivery application named **Crave Cuisines**.
 - Utilized **Flutter, Dart, and Firebase** for full-stack mobile app development.
 - Implemented features like user authentication, real-time order tracking, and restaurant listings.
 - Collaborated in a team using Agile methodology and Git for version control.
- **Google Flutter Internship** May 2025 – July 2025
Technical Hub, Surampalem Offline
 - Leading the development of a mobile-based live bus tracking system for students within the app.
 - Implemented using **Flutter, Node.js, and Firebase** to display bus location on student devices.
 - Future updates will include GPS integration and real-time notifications for enhanced tracking.

Projects

- **Live Bus Tracking App** Jan 2025 – Present
Flutter, Node.js, Firebase, AWS
 - Developed a real-time GPS-enabled tracking system for college transport monitoring.
 - Implemented backend in Node.js with Firebase and AWS services.
- **HOOT App** Nov 2024
Flutter, Dart, Firebase, APIs
 - Built an ed-tech app for Listening, Speaking, Reading, and Writing skill development.
 - Integrated speech modules, quizzes, and progress tracking.
 - Launched for internal academic use via Google Play Store.
- **GitHub Profile Clone** June 2024
Flutter, Dart, GitHub API
 - Cloned GitHub user profile UI using real-time API integration.
 - Used REST APIs and state management in Flutter.
- **Crave Cuisines – Food Delivery App** Aug 2024
Flutter, Firebase, Dart
 - Built a food delivery platform with Google Authentication and real-time order management.
 - Used Firestore and FlutterFire for seamless backend integration.

Technical Skills

- **Languages:** Python, Java, JavaScript
- **Frameworks:** Flutter (Dart), Basic Java Framework
- **Web:** HTML, CSS, JavaScript
- **Databases:** SQL
- **Backend:** Node.js
- **Tools:** GitHub, VS Code, Jupyter Notebook, Slack
- **Core CS:** OS, DSA, OOP, Mobile App Development

Coding Profiles

- **LeetCode:** Solved 200+ problems
- **GeeksforGeeks:** Solved 100+ problems

Certifications

- **Google Flutter Course Completion:** Technical Hub (Jun 2024)
- **Java Programming Certification:** IT Specialist – CertNexus/Pearson (Jul 2024)
- **Postman API Fundamentals:** Postman Student Expert Program (Jul 2024)

Education

- **B.Tech, Computer Science and Engineering (IoT)**

Aditya College of Engineering and Technology, Surampalem

*CGPA: 8.27**2022 – 2026*