# Jakka Krupa Ratnam

Roll No.: 22MH1A4922
Bachelor of Technology
Aditya College of Engineering and Technology, Surampalem

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## Experience

- **Flutter Developer Intern** *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.
  – Worked in a team, following agile methodology and using Git for version control.

## Projects

- **Guess the Number Game** *May 2023*
  *HTML, CSS, JavaScript*

  – Developed a browser-based number guessing game to demonstrate DOM manipulation and JavaScript logic.
  – Incorporated user interaction through input fields and buttons with real-time score updates and animations.

- **GitHub Profile Clone** *June 2024*
  *Flutter, Dart, GitHub API*

  – Recreated the GitHub user profile interface using Flutter widgets and responsive design principles.
  – Integrated GitHub REST API to fetch live data such as repositories, followers, and contribution stats.
  – Focused on Flutter UI components and asynchronous API handling with proper state management.

- **Food Delivery App – Crave Cuisines** *August 2024*
  *Flutter, Firebase, Dart*

  – Designed and deployed a full-featured food delivery app allowing users to browse, order, and track food items.
  – Implemented features including Google authentication, real-time database updates, and push notifications.
  – Worked with Firestore for order management and FlutterFire for backend integration.

- **HOOT App** *November 2024*
  *Flutter, Dart, Firebase , API's*

  – Created an ed-tech mobile application focused on improving Listening, Speaking, Reading, and Writing skills.
  – Integrated interactive voice input/output modules, quizzes, and progress tracking with Firebase backend.
  – Targeted usability and accessibility through responsive UI and speech recognition APIs.

## Technical Skills

- **Programming Languages:** Python, Java, C, C++, Dart, JavaScript

- **Frameworks:** Flutter, Basic Java Framework

- **Web Development:** HTML, CSS, JavaScript

- **Databases:** SQL, MongoDB

- **Backend Technologies:** Node.js

- **Developer Tools:** GitHub, VS Code, Jupyter Notebook

- **Technical:** Operating Systems, Data Structures and Algorithms, Mobile Application Development, Object-Oriented Programming

## Coding Profiles

- **LeetCode:** Solved over **150+ problems**.

- **GeeksforGeeks:** Solved over **100+ problems**.

- **CodeChef:** Rated **712**, regular participant in contests.

## Certifications

- **Certified Network Consultant (CCN)**: CCN Academy – Module 1 Completion (Aug 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)** *CGPA: 8.27*
  *Aditya College of Engineering and Technology, Surampalem* *2022 – 2026*

- **Intermediate (MPC)** *CGPA: 9.09*
  *Sri Chaitanya Junior College, Rajahmundry* *2020 – 2022*