

# MAHIMA KUMAR GANDU

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## OBJECTIVE

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Enthusiastic computer science student with expertise in software development, skilled in designing, coding, and debugging applications. Passionate about building efficient and innovative solutions while continuously learning new technologies. Seeking an opportunity to apply my skills and contribute to impactful projects in a dynamic team environment.

## EDUCATION

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**Velagapudi Ramakrishna Siddhartha Engineering College**

**2021 – 2025**

*B.Tech - Computer Science and Engineering - CGPA - 8.67*

*Vijayawada, Andhra Pradesh*

## SKILLS

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- **Programming Languages:** C++, Java, C#, SQL
- **Frameworks:** ADO.NET, ASP.NET, Entity Framework Core
- **Cloud Computing:** Google Cloud
- **Soft Skills:** Teamwork and Problem-solving
- **Other:** Data Structures and Algorithms, Object-Oriented Analysis and Design (OOAD), Object-Oriented Programming (OOPS), SOLID Principles, Design Patterns, Operating System, Linux, Git & GitHub

## PROJECTS

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### Bank Loan Management System – ASP.NET MVC

- Built a web-based loan management system using ASP.NET MVC and SQL Server, ensuring secure data handling with web APIs.
- Designed a responsive UI using Bootstrap & jQuery, integrated role-based authentication, and optimized database performance.

### CloudFreeNet: A Deep Learning Approach for Cloud Removal in Drone Imagery

- Clouds in satellite video frames are accurately detected using a U-Net-based deep learning model, achieving a high accuracy of 98% in segmentation.
- Detected cloud regions are removed by replacing them with clean patches from other non-cloudy frames, ensuring seamless and visually consistent video output.

### Recommender System for Customized Clinical Prescription

- The project comes under EPICS, it's a web application where people can get the cost-effective medication based on symptom, age, previous health issues and severity of the symptom.
- Our application uses HTML, CSS, JS as front end, python framework, FLASK in backend and uses XG Boost algorithm for recommendation.

## INTERNSHIP

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### ASP.Net trainee

**Jan 2025 – Apr 2025**

*Cognizant*

- Trained in Agile Methodology, ASP.NET, Entity Framework, ASP.NET MVC, ASP.NET Web API, Git, Bootstrap and jQuery.

## ACHIEVEMENTS

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- Secured 99 percentile in Mathematics in the JEE Mains Exam for 4 consecutive attempts (2021).
- Solved 400+ DSA problems across various coding platforms.
- Achieved Rank 1809 out of 1.5 lakh+ candidates in AP POLYCET 2019.
- Obtained Rank 3011 out of 2.5 lakh+ candidates in AP EAMCET 2021.