

# MADEM KUSUMA KUMAR

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## PROFESSIONAL SUMMARY:

Enthusiastic and attentive Computer Science student with a strong passion for emerging technologies including IoT, Cybersecurity, and Blockchain. Possesses a solid foundation in core concepts such as DBMS, Object-Oriented Programming, and Computer Networks. Proficient Django developer with hands-on experience in building dynamic and secure web applications. Demonstrates a proactive mindset, eager to innovate, and committed to continuous learning in the tech domain.

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## EDUCATION

Bachelor of Technology – Computer Science Engineering (IoT, Cybersecurity, and Blockchain)  
Maharaj Vijayaram Gajapathi Raj College of Engineering (Nov 2022 - Nov 2026)  
CGPA: 9.17

Intermediate – MPC (Mar 2020 - Mar 2022)  
Sri Chaitanya Junior College  
Marks: 893/1000

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## SKILLS

- Languages: Python, C++, JavaScript, Java, C
- Frameworks: Django, Flask
- Tools: Git, XAMPP, AWS
- Platforms: Linux, Unix, Windows, Raspberry Pi
- Soft Skills: Leadership, Public Speaking, Time Management

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## PROFESSIONAL EXPERIENCE

Cybersecurity Virtual Internship – Cisco Networking Academy (May - July 2024)

- Completed an intensive virtual internship covering cybersecurity fundamentals and advanced practices.
- Earned a Cisco certification, demonstrating expertise in network security and threat mitigation.

Salesforce Developer Virtual Internship – Salesforce (Nov 2024 - Jan 2025)

- Developed a Garage Management System using Salesforce custom objects, fields, and relationships for operational efficiency.
- Built a user-friendly interface with Lightning Web Components (LWC) for better user experience.
- Integrated dashboards to provide real-time insights into operational and revenue data.

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## PROJECTS

University Bus Management System (Django):

- Developed a web-based system for managing university bus transportation.
- Implemented bus route updates, student login, application forms, Stripe payments, and email notifications.

Facial Recognition-Based Attendance System (Machine Learning & Image Processing):

- Designed an automated attendance system using OpenCV and machine learning.
- Implemented face encoding and matching algorithms for high accuracy and reliability.

Secure File Storage System(Encryption & Decryption):

- Developed a secure file storage system in Python using AES and RSA encryption.
- Ensured data confidentiality and integrity with advanced cryptographic techniques.