

# Majji Naga Sai Kushal

Pre-final Year B.Tech CSE- Honors, to be pass out in 2026.

Open to work from May 2025.

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## Objective

"Prefinal-year CSE Honors student with a specialization in Cybersecurity and Blockchain Technology, seeking opportunities to contribute to cutting-edge projects in AI, cloud computing, and machine learning. Driven by a passion for advanced technologies, I am eager to apply my strong technical foundation and problem-solving skills to real-world challenges, particularly in AI and LLM-based projects. Currently pursuing major project work in AI to deepen my expertise and make a meaningful impact within an innovative and dynamic team environment."

## Education

- BTech CSE | Koneru Lakshmaiah Education Foundation, Vaddeswaram , Andhra Pradesh. CGPA : 9.24 (Till 4<sup>th</sup> sem)
- Board of Intermediate | Sri Chaitanya Junior College, Vijayawada, Andhra Pradesh Grade : 67.9% (2020 – 2022)
- SSC | Sri Chaitanya High School, Vijayawada, Andhra Pradesh Grade : 95% (2020)

## CourseWork

C Programming · Data Structures · Database management systems · Object-Oriented Programming in java Design & Analysis of Algorithms · Data Driven Artificial Intelligence · Machine Learning · Network Protocols & Security Network Infrastructure & Security · Operating Systems · Python full stack with Django · MERN Stack · Java full stack development with microservices

## **Technical Skills**

- **Programming Language**
  1. C / C++ (Intermediate)
  2. Python (Beginner)
  3. Java (Beginner)
- **Web Development**
  1. HTML (Proficient)
  2. CSS (Beginner)
  3. JavaScript (Beginner)
  4. Bootstrap (Beginner)
  5. React (Beginner)
  6. Npm, Maven, ExpressJS, NodeJS, Spring, Spring Boot
  7. MySQL
- **Cloud Computing**
  1. AWS (EC2,S3, Lambda) used for storing & hosting my Nutrition website.
- **Tools**
  1. Visual Studio Code
  2. Git – Managed Version control of my projects
  3. PyCharm, VM Ware
- **Linux (Beginner)**
- **Testing Methodologies:** Proficient in Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
- **Testing Techniques:** Knowledgeable in Unit Testing, Integration Testing, System Testing, and Acceptance Testing.
- **Test Levels:** Skilled in White-box, Black-box, and Grey-box testing methods.
- **API Testing:** Hands-on experience with Postman for full-stack API testing, including request validation, response verification, and test automation.

## **Non-Technical Skills**

1. Adaptability
2. Flexibility
3. Creativity and Innovation
4. Leadership
5. Learning Agility
6. Continuous Improvement Mindset
7. Analytical Mindset

## **Certifications**

1. Cambridge English Linuga Skill : Grade B2 | 2022
2. AWS Cloud Practitioner | May 2024
3. Microsoft AI-900 | May 2024
4. Oracle Certified Professional: Java SE 11 Developer | September 2024
5. ACE Multicloud Network Associate Certified | November 2024

## **Projects**

### **1. Tourist & Hospitality Management System Using MERN Stack**

GitHub Repo Link: <https://github.com/nagasaikushal/MERN2024.git>

- Engineered a full-stack web application utilizing HTML, CSS, JavaScript, React, and Node.js;
- Enhanced user interactivity and engagement Implemented user-friendly interfaces with React for dynamic front-end development

### **2. Campus Placement Portal Front-End Using React**

GitHub Repo Link: <https://github.com/nagasaikushal/placementwebapp.git>

- Designed a single-page application (SPA) using React, improving user navigation and functionality by 25%.
- Implemented Admin, Faculty, and Student modules to facilitate the management of workshops and career path decisions, increasing student participation in placements by 15%.
- Enhanced administrative control by automating placement updates, announcements, and notifications.

### **3. Nutrition & Diet Management System (Java Full Stack, Spring Boot, Microservices)**

- **Description:** A comprehensive project currently in development, designed to promote better nutrition and diet management through a secure and scalable web application.
- **Technologies:** HTML, CSS, JavaScript, Bootstrap, JSP (Frontend), Java with Spring Boot and Microservices (Backend).
- **Features:** Includes robust security functionalities such as email verification and authentication.
- **Modules:** Admin module for system management, User module for personalized diet tracking, and Doctor module for expert consultations.

## **Internship**

### **1. AICTE Cloud Virtual Internship | Jan - Mar 2024**

Gained practical experience with AWS services, focusing on core concepts like EC2, S3, IAM, and VPC. Successfully passed the AWS Cloud Practitioner certification, demonstrating expertise in cloud infrastructure and services.

### **2. CISCO AICTE virtual internship | May – Jun 2024**

Successfully completed two industry-aligned courses as part of the internship, enhancing knowledge in cutting-edge technologies and industry best practices.

## **Extracurricular Activities and Leadership**

- 1. Director of Academics & Skill Development Wing, KL FOCUS, CSE Student Body | 2023 - 2024**
  - Spearheaded student-led initiatives aimed at fostering academic growth and skill enhancement within the department.
  - Organized and facilitated a Learnathon for Skill Development Project Course, promoting hands-on learning and technical proficiency among peers.
  - Conceptualized and executed an event focused on Research and Conference Papers, educating students on their significance in driving technological innovation and academic advancement.
- 2. Director of Certifications & Vouchers, Megha A Cloud Computing Club | 2024 - Present**
  - Collaborated on cloud-related projects, participated in workshops, and contributed to club events.