

# Kambhampati Megha Syam

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## PROFESSIONAL SUMMARY

A highly motivated Computer Science student with hands-on experience in web development and cloud technologies. A strong team player with excellent problem-solving skills and a passion for technology, eager to contribute as a Software Engineer by solving complex challenges.

## EDUCATION

### BACHELOR OF TECHNOLOGY

Computer Science and Engineering - **9.62 CGPA**

KL University, Vijayawada

2022-2026

## TECHNICAL SKILLS

**Programming Languages:** C, Java, Python

**Web Technologies:** HTML, CSS, JavaScript, Django, Spring Boot, React.js

**Databases:** MySQL, MongoDB, PostgreSQL

**Cloud & Version Control:** Amazon Web Services, Git

## PROJECTS

### Handloom Fashion MarketPlace

Spring Boot, MySQL

- Developed a global platform to showcase and sell 100+ handloom fashion products.
- Implemented role-based modules for Admin, Artisan, and Buyer, improving user experience by 40%.
- Repository:** [Source Code Link](#)

### Hospital Management System

ReactJS, NodeJS, ExpressJS, MongoDB

- Designed a system for efficient healthcare data management, reducing patient data retrieval time by 25% using indexing strategies.
- Improved system performance by 30% through optimized API calls and database queries.
- Repository:** [Source Code Link](#)

### Task Management System

Python, Django, PostgreSQL

- Built a system to streamline project workflows, tracking 100+ tasks across teams.
- Implemented real-time updates, reducing task completion delays by 35%.
- Increased team productivity by 20% through task prioritization and efficient resource allocation.
- Repository:** [Source Code Link](#)

### Movie Recommendation System

- Developed a content-based movie recommendation system improving recommendation accuracy by 30% using TF-IDF Vectorization and Cosine Similarity.
- Built an interactive UI with Streamlit and integrated TMDb API to dynamically fetch and display 5,000+ movie posters, enhancing user engagement.
- Technologies: Python, Streamlit, Pandas, NumPy, Scikit-learn, NLTK, TMDb API, Requests, Pickle
- Repository:** [Source Code Link](#)

## INTERNSHIP EXPERIENCE

### AICTE AWS Cloud Virtual Internship

Remote

Cloud Engineering Intern

January - March 2024

- Deployed serverless applications using AWS Lambda, optimizing execution by 20%.
- Managed CI/CD pipelines with GitHub Actions and AWS CodePipeline.
- Designed scalable architectures on AWS EC2, S3, and RDS, reducing deployment costs by 15%.

## CERTIFICATIONS

AWS Certified Cloud Practitioner (May 2024)

Red Hat Certified Enterprise Application Developer (EX183) (September 2024)

FinTech Professional Certificate (July 2024)