

Ajay Kumar Medikonda

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PROFILE:

Resourceful graduate, blending academic expertise with practical experience to engineer innovative solutions. Proficient in software development and communication for successful, professional projects.

EDUCATION:

Saint Louis University, St Louis, MO

Master of Science in Computer Science

Expected by May 2025

GPA: 3.43 /4.0

Lakireddy Bali Reddy College of Engineering

Under graduation in Computer Science and Engineering

May 2023

GPA: 8.8/10.0

WORK EXPERIENCE:

Salesforce Developer

Virtual Intern

July 2022 – Dec 2022

- Worked with a team to create a new Salesforce workflow that automated a manual process.
- completed several hands-on projects and familiar with the Salesforce platform and its services.

AWS Cloud Virtual Internship offered by AICTE

Virtual Intern

Oct 2021 – Dec 2021

- Learned about a new AWS service and used it to solve a real-world problem.
- Built a cloud-based application that uses multiple AWS services.

SKILLS:

Programming skills: Proficient in Python, expert in Java, C, data structures, algorithms, object-oriented programming, web development, software design, and agile methodology.

Data science skills: Proficient in machine learning, natural language processing, cloud computing, and data science.

Soft skills: communication, teamwork, problem-solving, leadership, and time management.

Language: Fluent in English, Telugu and Hindi.

PROJECTS:

Integration of Protective Measures and the Generation of Cancelable Biometric Templates

- Published paper in IEEE Explorer on novel biometric template protection, introducing two innovative methods. Evaluated facial recognition data, demonstrating strong performance in recognition rate, computation time, and confidentiality.

Aadhar Thumb Platform for all money services

- Developed a secure biometric authentication website using fingerprint recognition, facilitating seamless financial transactions for individuals with Aadhaar Numbers. Improved security and reduced transaction times, providing a reliable and convenient financial services solution.

Memory Master: Java-based Multi-Level Memory Game

- Designed and implemented a Java-based Memory game with multiple levels in a Software Design course, showcasing expertise in Java, object-oriented design, and GUI development using Swing/JavaFX.

HONORS and AWARDS:

- 100% Scholarship for under graduation.
- College Chess Player Award and 2019 Coding Competition Winner.
- Volunteered for NSS events in college.