

TIPPIREDDY SAI JEEVAN REDDY

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OBJECTIVE

A highly motivated Computer Science graduate with a strong background in algorithms, software development, and machine learning. Passionate about deepening my knowledge in Cloud Computing and Data Science to drive impactful technological advancements. Dedicated to leveraging cutting-edge technologies and innovative problem-solving to address real-world challenges effectively.

EDUCATION

Bachelor of Computer Science August 2021 – May 2025 (Ongoing)
KL UNIVERSITY, Guntur, India

- ✓ CGPA: 9.14/10.0
- ✓ Relevant Coursework: Data Structures & Algorithms, Computer Networks, Machine Learning, Cloud Computing, Database Systems, Software Engineering, Operating Systems
- ✓ Activities: Member of the Computer Science Club, participating in hackathons, coding competitions, and organizing workshops.
- ✓ Projects: Worked on a variety of academic and personal projects including machine learning, software development, and cloud computing.

MPC (Mathematics, Physics, and Computer Science) 2019 – 2021
SRI SARADA JUNIOR COLLEGE, Vijayawada, India

- ✓ Committed to building a strong foundation in mathematics, logic, and computation, with a focus on excelling in programming and computational theory.

Secondary School Certificate (SSC) 2019
ST. JOHNS ENGLISH MEDIUM HIGH SCHOOL, Vijayawada, India

- ✓ Graduated with excellent grades, building a foundation for further academic excellence in technical fields.

PROJECTS

Health Monitoring System 2024
KL UNIVERSITY

- ✓ Developed a health monitoring system designed to scale efficiently on cloud platforms (AWS).
- ✓ Implemented secure data storage and management for sensitive health data, utilizing encryption and cloud storage features.
- ✓ Technologies: Python, Flask, AWS, MySQL, Docker.

Automobile Management System 2022
KL UNIVERSITY

- ✓ Developed a full-stack web application for managing different types of vehicle.
- ✓ Designed the user interface to ensure a seamless experience for users.
- ✓ Technologies: Python, Flask, HTML, CSS, JavaScript, SQL.

- ✓ Developed a Online Book Store system using collaborative filtering and content-based filtering algorithms to suggest personalized Books to users.
- ✓ Integrated the backend with a MySQL database for storing user preferences and Book details.
- ✓ *Technologies:* Java, Spring Boot, MySQL, RESTful APIs.

EXTRACURRICULAR ACTIVITIES

Member, KL University Computer Science Club

2023 – Present

- ✓ Participated in multiple hackathons, coding competitions, and secured 2nd position in a university-level hackathon.
- ✓ Actively assisted in organizing coding workshops, tech talks, and seminars to encourage peer learning and knowledge sharing among fellow students.
- ✓ Contributed to club activities like collaborative project development and technology discussions.

Volunteer, KL University

2022 – 2023

- ✓ Mentored high school students on coding fundamentals, helping them get acquainted with basic programming concepts and problem-solving.
- ✓ Organized and led workshops on beginner-level programming, guiding young students through Python and HTML/CSS.
- ✓ Worked with a team to foster a culture of learning and knowledge sharing within the university community.

SKILLS

Programming Languages

- ✓ Python, Java, SQL, HTML, CSS

Frameworks/Tools

- ✓ Flask, Spring Boot, Hibernate, Microservices

Cloud Platforms

- ✓ AWS, Google Cloud, Oracle Cloud

Database Management

- ✓ MySQL, MongoDB, PostgreSQL

Development Practices

- ✓ Agile, CI/CD, RESTful APIs, Version Control (Git)

Other

- ✓ Data Structures and Algorithms, Cloud Computing, Machine Learning, Deep Learning, Big Data Analytics

INTERNSHIPS

AI-ML Virtual Internship

May 2023 – July 2023

AICTE Online

- ✓ Gained practical experience in applying machine learning algorithms to real-world problems.

- ✓ Worked on predictive models using scikit-learn and TensorFlow for data-driven insights.
- ✓ Developed a small-scale AI project involving data preprocessing, feature extraction, and model training.

AWS Cloud Virtual Internship

December 2022 – February 2023

AICTE Online

- ✓ An AWS Cloud Virtual Internship is an online program designed to provide hands-on experience with Amazon Web Services (AWS), one of the leading cloud computing platforms.
- ✓ Interns typically gain practical exposure to cloud technologies such as computing, storage, networking, and databases.

Network Security Associate Virtual Internship

September 2023 – November 2023

AICTE Online

- ✓ A Network Security Associate Virtual Internship is an online learning experience designed to provide practical exposure to the principles and practices of securing computer networks.
- ✓ Interns gain hands-on knowledge about safeguarding digital assets, preventing cyber threats, and ensuring the integrity of data transmissions.

CERTIFICATIONS

- ✓ AWS Cloud Practitioner Essentials – Amazon Web Services
- ✓ Aviatrix Certified Engineer – Aviatrix
- ✓ Google Associate Cloud Engineer – Google Cloud
- ✓ Microsoft Certified: Azure Fundamentals – Microsoft
- ✓ Oracle Certified Associate – Oracle
- ✓ Redhat Certified Enterprise Application Developer – Redhat

LANGUAGES

- ✓ English: Fluent
- ✓ Telugu: Native
- ✓ Hindi: Proficient

PUBLICATIONS

Cloud-Powered Mobility: A Seamless Integration Approach for Mobile Apps Published in IEEE

- ✓ It emphasizes creating seamless integration approaches that enable mobile apps to harness cloud resources effectively, ensuring smooth performance, data synchronization, and user experience across devices.
- ✓ It focuses on leveraging cloud computing technologies to enhance the functionality, scalability, and efficiency of mobile applications.
- ✓ Technologies: Python, Sentiment Analysis, Data Visualization.