Mukthanand Reddy Marri

B.Tech - (2022-26)
Computer Science Engineering
ICFAI Tech Hyderabad

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CAREER OBJECTIVE

Enthusiastic Computer Science student with a strong foundation in problem-solving and hands-on experience in AI-driven projects. Passionate about contributing to real-world intelligent solutions while continuously improving skills in data structures, algorithms, machine learning and full-stack development.

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	ICFAI Tech Hyderabad	7.65(VI Sem)	2022-26
Senior Secondary	TSBIE Board	90.9%	2020-22
Secondary	SSC Board	10.0	2020

EXPERIENCE

Project Intern, Skillbanc (Remote)   *June 2024 - July 2024*
Ed-Tech Content Development Team

- Built reusable animation templates using Manim (Mathematical Animation Engine) to simplify high school math and science topics.
- Wrote and rendered modular Python scripts to produce reusable, curriculum-focused educational animations.
- Contributed to the development of the Skillbanc mobile application using Flutter and Dart, assisting with UI enhancements and content integration.
- Gained practical experience in animation workflows and cross-platform mobile app development in an ed-tech environment.

PROJECTS

MediFlow.ai   *Jan. 2025 - May. 2025*
Full Stack Web project   Github

- Developed a full-stack web application to manage pharmacy operations including inventory, sales, suppliers, and medicine tracking.
- Built the backend using Flask and PostgreSQL, and the frontend with React.js, Tailwind CSS, and ShadCN/UI for a modern and responsive UI.
- Implemented an AI-based feature to predict future inventory needs using historical sales and stock movement data.
- Designed and implemented REST APIs to ensure seamless, real-time communication between frontend and backend.

Rebus Puzzle Web Application   *Aug. 2025*
Web Development Project   Github

- Developed a browser-based puzzle game with a Spring Boot backend serving puzzles and validating answers.
- Built a responsive frontend using HTML, CSS, and JavaScript, featuring image-based puzzles, hints, and real-time feedback.
- Implemented dynamic API calls for seamless puzzle loading and gameplay without page reloads.

TECHNICAL SKILLS

- **Programming**: Python, Java, C
- **Development**: HTML, CSS, JavaScript, Flask, Spring Boot, Node.js, REST APIs
- **Databases**: MySQL, PostgreSQL
- **CS Subjects**: Data structures and Algorithms, OOPs concepts, Operating system, Computer Networks
- **Cloud**: IaaS, PaaS, SaaS, Amazon EC2, Amazon S3, VPC, IAM (Basics), AWS Console
- **Tools and Platforms**: Git, GitHub, Postman, VS Code

CERTIFICATIONS

- **AWS Academy Graduate – AWS Academy Cloud Foundations**   *Apr 2025*
  AWS Academy   Credential
- **Introduction to Front-End Development**   *Sep 2024*
  Coursera (offered by Meta) | Grade: 91.15% · Duration: 19 hours   Credential
- **Data Processing and Visualisation**   *Feb 2024*
  FutureSkills Prime (NASSCOM) | Certificate ID: FSP/2024/2/10159027
- **Exploratory Data Analysis**   *Oct 2023*
  FutureSkills Prime (NASSCOM) | Certificate ID: FSP/2023/10/4872878