

M.Akshitha

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CAREER OBJECTIVE

A dedicated Computer Science and Engineering student with strong proficiency in programming languages such as C, Java, and Python, along with hands-on experience in databases and developing AI/ML applications. I am eager to apply my skills to real-world projects, while expanding my knowledge in cloud computing and software development. Passionate about leveraging technology to solve complex problems and continuously enhancing my expertise.

EDUCATION

- **Bachelor of Technology in Computer Science and Engineering (AI&ML).** 2022-26
Vardhaman College of Engineering, Shamshabad CGPA: 8.23
- **Intermediate in MPC, Telangana Board of Intermediate Education (TGBIE).** 2020-22
Gayatri junior College, Shivarampally CGPA or Percentage: 9.49
- **Tenth Class, Telangana Board of Secondary Education (BSET).** 2020
Trinity Model High School, Narkhoda CGPA or Percentage: 10.0

ACADEMIC PROJECTS

- **Graph Neural Network for PAN-Cancer Survival Prediction** February-May 2025
Developed a Graph Neural Network model optimized with Squirrel Search and Deer Hunting algorithms.
 - Applied the framework to multi-cancer survival prediction, improving accuracy and robustness.
 - Performed gene selection and feature transformation to enhance model performance.
 - Demonstrated improved accuracy and reliability compared to traditional survival prediction methods.
- **Customer Churn Prediction Using WEKA** January - April 2025
A data mining-based approach to predict customer churn using classification algorithms
 - Analyzed customer behavior data and built predictive models to identify potential churn.
 - Implemented and compared multiple algorithms including Decision Tree, Naive Bayes, and Random Forest in WEKA.
 - Technologies Used: WEKA, CSV, Classification Algorithms, Evaluation Metrics.
- **Student Portal and Academic Website for College Management** September-December 2024
A web-based application to streamline academic processes for students and administrators.
 - Developed a centralized platform enabling students to access academic records, course materials, and event notifications.
 - Implemented secure role-based authentication and authorization for students, faculty, and administrators.
 - Technologies Used: React.js, Node.js, MongoDB, HTML, CSS, JavaScript.

INTERNSHIP

- **Web Design & Development Internship** September - October 2024
Internship Studio Online
 - Developed a responsive e-commerce website with product filtering, cart management, and secure checkout using HTML, CSS, and JavaScript.
 - Integrated interactive components like a product carousel and form validation for enhanced user experience.
 - Optimized performance for cross-browser compatibility and seamless functionality.

TECHNICAL SKILLS

Languages: C, Java, Python, Javascript, HTML+CSS.

Libraries : Python Libraries, React.js.

Web Dev Tools: Node.js, VS Code, Jupyter Notebook, Eclipse, GitHub.

Cloud/Databases: Relational Database(MySQL).

Relevant Coursework: Data Structures Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.

SOFT SKILLS

Leadership Qualities, Effective Team member, Conflict Resolution, Being Empathetic, Time Management.

CERTIFICATIONS

- * **Natural Language Processing Projects**, Great Learning, November 2024.
- * **Introduction to Natural Language Processing**, Great Learning, October 2024.
- * **Google Cloud Computing Foundations**, Swayam, NPTEL, August - October 2024.
- * **AI for Aerial Computer Vision in Drone Technology**, India Drone Academy, May 2024.
- * **Python Fundamentals for Beginners**, Great Learning, June 2023.
- * **Employability Skills**, Job Ready , Council for Skills and Competencies (CSC), Wadhvani Foundation
- * **Google Cloud Computing** , Swayam, NPTEL, August - October 2024.

CODING PROFILES

- **LeetCode**: 80+ problems

EXTRACURRICULAR ACTIVITIES

- Skilled in delivering impactful presentations, effectively communicating complex ideas with clarity and confidence to diverse audience.
- Manage and mentor a team of 10 peer students to guarantee successful team performance while ensuring individual goals are achieved.