HARSHA AKASAM

Kakinada, Andhra Pradesh |+91 7893926569
Harshaakasam29@gmail.com | www.linkedin.com/in/harsha-akasam-290805ah

EDUCATION

B. Tech in Computer Science specialized in Artificial Intelligence and Machine learning
Aditya University, 2022-2026

- **Major:** Computer Science
- **Minor:** Artificial Intelligence and Machine Learning
- **Related Coursework**: Data Analysis, Software Engineering, Operating Systems, Algorithms, Artificial Intelligence, Machine Learning, Database Management, Data Structures, Neural Networks, and Deep Learning.

UNIVERSITY PROJECTS

Working Portfolio of a Website (3/2023)

- **Designed and Developed Front-End Interface**: Created a functional and aesthetically pleasing web page utilizing HTML5 and CSS.
- **Implemented Responsive Design**: Ensured compatibility across diverse devices and screen sizes through adaptive design principles.
- **Utilized Modern Web Development Techniques**: Employed Flexbox and CSS Grid to achieve sophisticated layouts and styling.
- **Recognized for Excellence**: Secured Second Prize in a Web Design Competition, surpassing 98 other teams.

Database Management Application (11/2023)

- **Developed a Database Management Application**: Created a robust application in Java, leveraging an SQL database to manage and track student data across three colleges.
- **Implemented Comprehensive Data Management**: Designed and implemented functionalities for inputting and displaying student data effectively.
- **Ensured Data Integrity:** Applied rigorous data validation techniques to maintain the accuracy and integrity of stored information.
- **Enhanced User Experience:** Crafted a user-friendly interface to facilitate efficient data entry and retrieval.

Infra Structure Tacker (4/2024)

- **Developed an Infrastructure Tracker:** Created a web application using HTML, CSS, and JavaScript to manage infrastructure assets and hall inventory.
- **Dual-View Functionality:** Implemented two main views - asset-wise and hall-wise - to allow users to filter and view products either by type (e.g., fans) or by hall location.
- **Interactive Elements:** Enabled detailed asset viewing; clicking on a product shows all instances across different halls, while clicking on a hall displays all assets within that hall.
- **Dynamic Data Management:** Utilized local storage to save data persistently and included functionality for adding and removing products, ensuring real-time updates and accurate inventory tracking.
- **User-Friendly Interface:** Incorporated a count-up function for dynamic visual updates, enhancing the user experience with real-time data representation and easy interaction.

EXPERIENCE

Full Stack With React Native Intern

Technical Hub

10/6/24 – 27/7/24

- **Advanced HTML:** Proficient in creating semantic, well-structured HTML5 documents that ensure accessibility, SEO optimization, and compatibility with modern web standards.

- **Responsive and Modern CSS:**
  Skilled in designing responsive web layouts with CSS Flexbox, Grid, and media queries, and utilizing modern CSS techniques like animations, transitions, and preprocessors such as SASS or LESS.
- **JavaScript Fundamentals:**
  Strong command of core JavaScript concepts including ES6+ features, asynchronous programming with Promises and async/await, and manipulation of the DOM to create dynamic web experiences.
- **Front-End Frameworks and Libraries:**
  Experienced with integrating and working with front-end libraries and frameworks, such as React, to build interactive and state-driven user interfaces.
- **Performance Optimization:**
  Expertise in optimizing HTML, CSS, and JavaScript for performance, including minimizing file sizes, implementing lazy loading, and employing best practices for fast load times and smooth user interactions.
- **Collaborative Projects**:
  Coordinated and facilitated brainstorming sessions with a group of 2 interns to conceptualize and execute AI initiatives; delivered results that led to the deployment of two successful tools.
- **Research & Development:**
  Conducted research on the latest trends and advancements in AI and ML, applying findings to improve project outcomes.
- **Skill Development**:
  Improved problem-solving, coding, and data analysis skills through practical assignments, real-world projects, and regular feedback from mentors.

TECHNICAL SKILLS

- Coding Languages: Java, Python, C++, C
- Developer Tools: Spyder, Jupyter, IntelliJ, VSCode
- Database Skills: MySQL
- Coursework: Artificial Intelligence, Machine Learning, Database Management, Data Analysis, Data Structures and Algorithms(DSA).
- Web Development: Experienced in working with JavaScript, HTML5, CSS
- Machine Learning Implementation: Python for Machine Learning, Data Analysis, Data Prediction
- Frameworks: React, React Native
- Libraries: Pandas, NumPy, OpenCV
- Areas of Interest: Automation, UI/UX Design, Robotics, Artificial Intelligence, Automobiles

CERTIFICATIONS

- CCNA Introduction to Networks
- Certified from Cisco with C Essentials
- Pearson IT Specialist Certification in Python and HTML/CSS

PROFESSIONAL DEVELOPMENT

- Workshops & Seminars**:** Attended various workshops and seminars on full-stack development.
- Online Courses: Completed online courses to further enhance technical skills and stay updated with industry trends.