

Dhanya Sri Karamsetty

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SUMMARY

Passionate B.tech (Artificial Intelligence) student with a strong interest in web development and full stack development. Quick learner with the ability to grasp new concepts easily. Highly motivated to take on new challenges and continuously expand technical knowledge.

Education

Amrita Vishwa Vidyapeetham , CSE-AI, B.tech	2023 - 2027
• GPA: 7.36/10	
Sri Chaitanya Junior College , Intermediate	2021 - 2023
• Percentage: 94.4%	
Sri Chaitanya School , SSC	2021
• Marks: 99%	

Projects

Expense Tracker

- Developed a command-line application to help users manage and analyze daily expenses efficiently.
- The system supports category-wise summaries, helping users identify major spending areas and make informed budgeting decisions.
- Implemented using C with modular code structure, incorporating file handling, data structures, and robust input validation for reliable and user-friendly expense tracking.

Classic Snake Game In Jack Programming Language

- Designed and implemented a classic Snake game in Jack language, compiled into VM code for execution on the Hack platform, showcasing core game development concepts like input handling, game state management, and rendering.
- Incorporated features such as smooth movement, score tracking, level progression, and a final scoreboard, with a modular design for easy maintenance and future enhancements (e.g., obstacles, lives, power-ups).

Web-based Smart Crop Recommendation System

- Developed an AI-powered web application for crop recommendation by classifying soil type using ResNet-50 on user-uploaded images and integrating location-based climate data via OpenWeather API.
- Implemented a decision tree model to suggest optimal crops for maximum yield and enhanced the user interface with Gemini LLM-generated insights on soil preparation, disease prevention, market value, and crop growth.

My Portfolio

- Developed a personal portfolio website using HTML, CSS, JavaScript, and Tailwind CSS, with design elements enhanced by Font Awesome. The site features a clean and responsive layout with a top navigation bar that includes sections like Home, About, Skills, Projects, My Journey, and Contact. A dedicated "Download Resume" button is also integrated for quick access.
- The Skills section showcases animated skill cards for visual engagement. The Projects section includes detailed descriptions of each project, listing the technologies used along with direct GitHub links. Additionally, the site features a timeline under "My Journey" to visually represent academic and professional milestones, offering a dynamic and interactive user experience.

Languages

- English, Hindi, Telugu

Extra Curricular & Certifications

- Tata Cybersecurity Security Analyst Job Simulation on Forage - May 2025
- Cognizant Artificial Intelligence Job Simulation on Forage - June 2024

Technologies

- Python, C, MySQL, Matlab, Git
- Html, CSS, Javascript, Bootstrap, Flexbox(basics)
- Open CV, Pandas, Numpy, Scikit-learn, WordPress
- Problem solving, English communication skills, Leadership, Adaptability, Collaborative Development, Team Player, Communication skills, Identity and Access Management (IAM).