

VARNIKA KARRI

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Varnika Karri

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CAREER OBJECTIVE

Driven Computer Science student with a foundation in full-stack development and a passion for impactful digital solutions. Seeking an internship to apply technical skills in real-world challenges and collaborate on innovative projects, while committed to continuous learning and contributing to a forward-thinking organization.

EDUCATION

2023 - 2027

Aditya University

Bachelor of Technology

Currently maintaining a strong academic record with a CGPA of 8.93, gaining both theoretical and practical knowledge in core computer science subjects.

PROJECTS

Lumix – AI-Powered Learning & Collaboration Platform

Developed a smart Placement Tracker with interactive skill cards, progress visualization, and smooth animations to help students prepare strategically for company drives.

Integrated AI features, including a GitHub AI Search to discover repositories via intelligent queries, and an AI Tools Hub that provides updates on the latest AI technologies, custom GPTs, and practical use-cases.

Built a collaborative community space featuring pitch boards, role-based groups, and hackathon clubs, encouraging innovation, peer learning, and networking.

Campus Connect – Student Event Hub

Built a unified digital hub for campus activities, integrating event pages, team profiles, and interactive maps for streamlined student engagement.

Enhanced participation through media-rich interfaces featuring cultural, technical, and sports events with QR-enabled access.

Created a scalable and engaging platform that fosters community interaction while reflecting real-world web application design.

LeafLyf – AI-Powered Plant Health & Sustainability Platform

Developed the frontend for an AI-enabled platform that detects plant diseases from uploaded images and provides tailored treatment solutions, blending sustainability with intelligent technology.

Designed engaging interfaces for plant health tracking, personalized plant care recommendations based on location, and rank boards highlighting top contributors to greenery across city, state, and global levels.

Incorporated concepts of eco-commerce, enabling users to connect with farmers and purchase plants, while also visualizing global tree density statistics to promote environmental awareness.

SKILLS

- Programming Languages: C, C++, Python, Java, SQL, JavaScript
- Web Development: HTML, CSS, React.js, Node.js (learning), Bootstrap
- Databases: MySQL, PL/SQL
- Tools & Platforms: Git, GitHub, Linux, VS Code, Microsoft Teams
- Concepts: Data Structures & Algorithms (DSA), OOP, DBMS, Operating Systems, Computer Networks, AI Basics
- Soft Skills: Leadership, Team Collaboration, Problem-Solving, Communication

CERTIFICATES

- Oracle Certified Foundations Associate – Java
- Red Hat Certified System Administrator (RHCSA)
- Cisco :- C, Python, C++
- Infosys Spring Board :- python, Java, Deep learning, Artificial Intelligence, Operating System, Design Thinking, SQL

EXPERIENCE

- Rotaract Club of RRC AEC Surampalem — Vice President (2024–25); Secretary – Events & Protocol (2025–Present)
- Led large-scale cultural/technical initiatives and streamlined event operations, boosting participation and collaboration.
- Hackathon Participant — Shri Vishnu College, Bhimavaram (24-Hour Hackathon) March 2025
- Built a working prototype in 24 hours, demonstrating teamwork, rapid problem-solving, and web development skills.