Nikhil Tanneeru

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Profile

Second-year Computer Science student at VIT-AP University, Amaravati, with a strong passion for Software Engineering. Experienced in coursework and projects that enhance skills in software development and problem-solving. Eager to apply academic knowledge to real-world challenges in a dynamic environment.

Education

VIT AP University **Year:** 2022-26

Bachelors of Technology in Computer Science **CGPA:** 9.36*

Skills

- **Languages** : Java, Python, R, SQL
- **Web Technologies** : HTML, CSS, Java Script, React
- **Soft Skills** : Leadership, Self-Motivated, Continuous and Quick Learner, Time Management

Relevant Course Work

- Python
- Object Oriented Programming
- Data Structures and Algorithms
- Computer Networks
- Database Management Systems

Experience

- **Web Development Intern** at Oasis Info-byte for a duration of 1 month.
- **Co-Lead** of Next Gen Cloud Club in Web Projects Group. **(2023-24)**
- **Lead** in designing Payroll Management System in Java. **(2022-23)**

Certifications

- Using Python to Access Web Data, from Coursera.
- Web Development Certificate from GFG
- Java Script Essentials from Cisco
- Python Essentials from Cisco

Projects

Payroll Management System
Technologies Used: *Java, JavaFX, FXML, CSV*

Role: Team Lead

Description: Designed and developed a comprehensive payroll management system with a user-friendly GUI.

Responsibilities:

- Led a team of 4 members, ensuring smooth coordination and project completion.
- Developed Admin control functionalities using Java and managed database operations with Apache POI.

Outcome: Successfully deployed the system which improved payroll processing efficiency by 30%.

Smart Visual Assistant for the Visually Impaired
Technologies Used: *Arduino, Python*

Role: Team Member

Description: Created a device to assist visually impaired individuals in navigation and currency detection.

Responsibilities:

- Coded the Arduino hardware components for optimal performance.
- Developed Python scripts for currency detection and implemented image processing techniques.

Outcome: Ranked in the Top 15 projects of the university for the FALL 2023-24 semester. The device increased navigation accuracy and user independence.