LAKSHMI CHARITHA G

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Professional Summary

Computer Science student with strong skills in Java, OOPs, and DSA, along with basic knowledge of Python. AWS certified with solid understanding of core CS subjects like DBMS, OS, CN and SE Interested in both SQL & MongoDB. Hands-on experience in frontend development using HTML, CSS, JavaScript, and React.

Skills

- **Programming Languages:** Java, Python
- **Web Development:** HTML, CSS, JavaScript, React
- **Cloud & DevOps:** AWS, EC2, S3, Lambda, IAM, ECS, EKS, CloudWatch, Kinesis, Kafka, RDS, DynamoDB, Route 53, CloudFormation, Git, GitHub, CI/CD, Docker
- **Version Control & Collaboration:** Git(via GitHub Desktop), GitHub
- **Databases:** MySQL, MongoDB
- **Tools:** VS Code, Eclipse, GitHub, Netlify, Command Prompt, PowerShell
- **Core Computer Science Concepts:** Object-Oriented Programming, Database Management System, Operating Systems, Computer Networks, Software Engineering, Data Structures & Algorithms

Work Experience

Sanskriti Club - VIT AP | Content Creation Team Lead
- Led a content team in an agile environment to create event materials, social media posts, and promotional content, enhancing club engagement and visibility.

Selected Projects

VastraKart - ECommerece Website | React (LINK)
- **Description:** Built a fully responsive e-commerce web application with shopping, wishlist, and checkout features.
- **Technologies:** HTML, CSS, JavaScript, React, JSX, React Hooks, DOM Manipulation
- **Achievements:** Migrated static website to React while preserving design and improving component modularity and code maintainability. Deployed the project on Netlify for live access.

Personal Portfolio Website | Vanilla JavaScript(LINK)
- **Description:** Designed and developed a personal portfolio website to showcase projects, skills, and achievements.
- **Technologies:** HTML, CSS, JavaScript
- **Achievements:** Built a responsive and interactive UI with smooth navigation using vanilla JavaScript.Deployed the website on Netlify for fast and reliable access across devices.

ATM Interface | Core Java Console Application
- **Description:** Developed a console-based ATM simulation supporting key banking operations like balance inquiry, deposit, withdrawal, transfer, and PIN authentication.
- **Technologies:** Java, OOPs, File Handling, Collections (HashMap, LinkedList), Serialization
- **Achievements:** Built a secure multi-user ATM system with PIN verification, transaction history, and clean OOP-based code using file storage

Education

Vellore Institute Of Technology-AP CGPA : 9.01 (2022-2026)
Narayana Junior College-Guntur Percentage : 99.83% (2020-2022)
Chaitanya High School-Chilakaluripet CGPA: 10/10 (2019-2020)

Achievements

- Best Team Lead award from Sanskriti Club for leading content creation.
- Earned Coding Ninjas DSA badges in Arrays, Strings, Hash Table, and Linked List.(LINK)