

ALLU SURYA VENKATA TEJA

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Location: Andhra Pradesh, India

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Objective

Motivated and detail-oriented Computer Science student at Veltech University with strong proficiency in C, Java, and Python. Well-versed in core concepts of Data Structures and Algorithms, and experienced in full-stack web development through academic and personal projects. Actively engaged in the tech community and consistently building new skills. Seeking a software developer role to apply technical expertise and contribute to impactful solutions.

Technical Skills

- **Programming Languages:** C, Java, Python
 - **Web Development:** HTML, CSS, JavaScript (Basics), SQL
 - **Data Structures & Algorithms:** Stack, Queues, Linked Lists, Trees, Graphs, Hashing, etc..
 - **Tools & Technologies:** Git, GitHub, VS Code
 - **Operating Systems:** Linux, Windows
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Academic Projects

Agro Basket - Online Platform for Selling Agro Products [link](#)

Tech Stack: JavaScript, pHp, HTML/CSS

- Engineered a **full-stack e-commerce platform** enabling farmers to sell agro products directly, reducing middlemen by **40%**.
- Optimized **backend API performance**, reducing response time by **30%** and improving system scalability.
- Designed a **user-friendly UI/UX**, leading to a **50% increase** in customer engagement and navigation efficiency.
- Implemented a **real-time inventory tracking system**, reducing stock update delays by **70%**.

Digital Product Authentication Using Blockchain

Tech Stack: Solidity, Ethereum, Web3.js, Truffle, Ganache, Node.js, React

- Built a **decentralized application (DApp)** enabling real-time product authenticity verification using Ethereum blockchain, reducing counterfeit risk by **80%**.
 - Developed and deployed **Solidity smart contracts** to record product lifecycle events, ensuring data immutability and traceability from manufacturing to sale.
 - Integrated **QR code scanning** for customer-side product validation, enhancing supply chain transparency and consumer trust.
 - Utilized **Ganache** for local blockchain testing, accelerating development by **50%**.
 - Implemented **role-based access controls** for manufacturers, distributors, and consumers, minimizing unauthorized actions by **95%**.
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Education

Bachelor of Technology in Computer Science Engineering

Veltech University, Chennai

2022 – 2026

Current CGPA: 8.8/10

Relevant Coursework: Java Programming, Data Structures, Algorithms, Operating Systems

Senior Secondary Education (Class 12)

Sri Chaitanya College, Andhra Pradesh

2020 – 2022

Percentage: 95%

Certifications

- Data Structures & Algorithms in Python – certificate