**Lalan Kumar Reddy Chinaganta**

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Github: <https://github.com/lalanreddy> | Portfolio link: <https://lalanreddy.github.io/mynewportfolio/>

**SUMMARY**

Master's in computer science with extensive experience developing MERN stack product features from scratch. Highly proficient in C, Python, JavaScript, React, HTML, CSS, Bootstrap, and MongoDB, seeking a full-time position to further enhance my skills.

**EDUCATION**

**Master’s in Computer Science,** Chicago State University | GPA 4.0 May 2022 – Dec 2023

**Relevant Coursework:** Advanced software algorithms, Advanced DBMS, Machine Learning

**Bachelors in Computer Science,** Vignan Institute of Technology & aeronautical engineering| GPA 3.04 2016 – 2020

**Relevant coursework:** Web Technologies,Python, Data Structures

**TECHNICAL SKILLS**

**Programming Languages** C, Python

**Databases** MongoDB, Relational Database (MySQL)

**Web Technologies** React, XML, Angular, HTML, CSS, JavaScript, JSON, Node.js, Express.js

**Frameworks & Libraries** Material UI, React Bootstrap, Ant Design, React Redux

**Public Cloud & DevOps** Amazon Web Services (AWS), Git, Heroku

**EXPERIENCE**

**Full Stack Engineer**

**UNVRITZ Software & Staffing Solutions JUN 2021 – MAY 2022**

1. **Sales Team Web Application**: Developed a comprehensive MERN stack web application tailored for Vikranth Publishers' sales team, encompassing an intuitive interface for efficient school data collection, robust features for accurate record-keeping, and secure authentication to guarantee authorized access and data confidentiality
2. **Distributors Management Web Application:** Engineered a MERN stack solution for Vikranth Publishers, optimizing distributor operations with real-time demand-based distribution, inventory tracking, and role-based access controls for enhanced security and data integrity.
3. **Client Dashboard Web Application:** Developed a centralized client dashboard for Vikranth Publishers, consolidating data from sales and distributor web applications. Implemented intuitive data visualizations, advanced search, and reporting functionalities for seamless communication and synchronized data access across all three applications.

**Quantavid (Developer) APR 2021 – JUN 2021**

* Enhanced user experience through the implementation of key features, including a guided Product Tour, engaging Text Animations, Audio Trimming functionality, Rename Options for Titles, and diverse webpage layouts.

**Yours Mentor (Intern) SEP 2020 – APR 2021**

* Employed React.js to build dynamic UIs, enhancing user experience with JavaScript.
* Mastered HTML, CSS, Express, Node.js, and MongoDB in the MERN stack, demonstrating proficiency in creating robust server applications and implementing comprehensive product features with a focus on web security, including the use of JWT tokens.

**PROJECTS**

**East-West Ecommerce application:** Developed a robust e-commerce application using the MERN stack, emphasizing MongoDB for efficient data management. Ensured an engaging user experience with a responsive React frontend, implemented secure backend logic with Express and Node.js, and incorporated custom features for seamless shopping. Prioritized scalability, performance, and security measures to create a comprehensive and user-friendly e-commerce platform.

**Securing Cloud Data Under Key Exposure:** It is a web Application that provides security for the user Data with the Cipher text blocks. To counter such as adversary, we proposed a novel and efficient scheme which ensures the plain text data cannot be recovered as long as the adversary has access to a t most all but two cipher text blocks, even when encryption key is exposed.

**CERTIFICATIONS**

* **Programming Foundations:** Web Security – LinkedIn
* **React Front to Back – Udemy** UC-c436dbb5-46da-460e-af5f-7d881999d2a5
* Participated in Ethical hacking and AWS workshop