**Lalan Kumar Reddy Chinaganta**

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**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**

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

* Utilized technologies: React.js, Next.js, Express, Node.js, MongoDB, HTML, CSS, and JavaScript.
* Implemented a Product Tour feature to enhance user onboarding, providing a guided experience.
* Developed Text Animations, adding engaging visual elements to the application.
* Enabled Audio Trimming functionality, enhancing multimedia editing capabilities.
* Introduced Rename Options for Titles, improving user customization and organization.
* Contributed to the creation of diverse webpage layouts, enhancing the overall user experience.

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

* Explored React.js for dynamic and efficient UIs, leveraging JavaScript to enhance interactivity and user experience.
* Mastered foundational web development languages (HTML, CSS) for content structuring and responsive design.
* Enhanced server-side development expertise with Express and Node.js, enabling the creation of robust and scalable server applications.
* Acquired proficiency in MongoDB within the MERN stack, applying knowledge to develop comprehensive product features, while gaining insights into web security practices, understanding the importance of JWT tokens for safeguarding applications.

**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.

**DevBuddy:** The proposed web application aims to facilitate developer networking by allowing users to register, connect, and share their professional and educational experiences. The technology stack includes React for building dynamic and reusable user interfaces, Express as a backend framework for handling server-side logic, Node.js for server-side JavaScript execution, and MongoDB as a NoSQL database to store user data.

**CERTIFICATIONS**

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