ELLURI VENKATESH

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EDUCATION

SRM University — Oct 2022 – Present
Bachelor of Technology in CSE (CGPA-8.81) — *Amaravathi*

Sri Chaitanya Junior College — June 2020 – March 2022
Senior Secondary (Percentage-96.3%) — *Kurnool*

EXPERIENCES

React JS Intern — May 2025 – Jul 2025 (Ongoing)
Celebal Technologies — *Remote*
- Developing scalable and responsive front-end applications using **React JS** to meet real-world industry requirements.
- Collaborating in agile remote teams to design, implement, and debug UI components using **JavaScript** and **JSX**, ensuring optimal performance and user experience.

Data Analyst Intern — June 2024 – Aug 2024
Insignia Consultancy Solutions — *Remote*
- Conducted R&D on NLP with a focus on **Named Entity Recognition (NER)** using **transformers and spaCy v3**, improving model accuracy by 15%.
- Collaborated on designing custom NER models and demonstrated strong **problem-solving** skills to meet tight project deadlines.

PROJECTS

Store Management System (Full Stack MERN) | *React, Node.js, Express.js, MongoDB* — Apr 2025
- Developed a full-stack MERN web application with dedicated **Admin** and **Staff portals** to efficiently manage stock, transactions, and personnel data, enhancing operational workflows.
- Integrated **MongoDB** for secure and scalable data storage, reducing manual data handling time by **40%**.
- Implemented role-based login and real-time stock alerts, minimizing unauthorized access and improving operational accuracy by **95%**.
- Enhanced user experience with responsive **React UI**, boosting task efficiency by **30%**.

Privacy Shield: A User-Friendly VPN Client | *AWS EC2, OpenVPN, Linux, Cloud Security* — May 2025
- Deployed OpenVPN Access Server on **AWS EC2** for secure, global encrypted access.
- Configured DNS routing and firewall policies, eliminating data breach risk in tests.
- Created admin and client interfaces, cutting setup time by **50%**.
- Used free-tier OpenVPN Access Server on AWS for a cost-effective VPN solution.

TECHNICAL SKILLS

Programming Languages : Java, Python, C, C++
Course Work : Data Structures and Algorithms, Database Management Systems, Operating Systems, Object-Oriented Programming, Computer Networks
Web Technologies : HTML, CSS, JavaScript, SQL, React, Node JS, MongoDB
Version Control : Git, Github
Developer Tools : VS Code

ACHIEVEMENTS

- Attained a commendable rank of **4954** in the **AP EAMCET** 2022, showcasing strong academic performance and dedication to excellence.

CERTIFICATES

- Professional Certificate in **JAVA (Basics)** Programming by clearing Skill Assessment from **Hackerrank**
- MongoDB Basics (Ongoing), **MongoDB University**
- SEBI Investor Certification, **NISM**