

Srikar Tangallapally

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PROFILE

Highly motivated and results-oriented student with a strong foundation in computer science and a passion for applying knowledge to real-world projects. Possesses experience in developing MERN stack web development, database management systems, and blockchain applications. Eager to leverage these skills in an internship opportunity to gain practical experience and contribute to innovative projects within a professional setting. I've been selected for Amazon ML Summer School 2024.

PROJECTS

Tech For dyslexia & autism

(April 2024 - present)

Javascript | PixiJs | MERN Stack

- Working to create a platform for children with Autism & Dyslexia to intervene them and help parents in their child's therapy. It uses motion sensing and tracking.

Database Design for Supply chain App

(Feb 2024 - April 2024)

Systems Analysis | ER diagrams | RDBMS normalization | SQL

- Analyzed requirements for building application to digitize suppliers & grocery store owner's interactions like ordering, order fulfilment & catalogue etc. Identified entities & relations and arrived at RDBMS tables. Created Database tables and queries using SQL. Before I've designed the database there used to be too much redundant data and when implementing the database it is difficult to link the tables and when I've designed it, the database is normalised to 45% and redundant data is reduced by 80%.

Developing a Blockchain-Based eVault for Legal Records ([GitHub repository](#))

(Oct 2023 - Feb 2024)

JavaScript | NodeJS | Express | Hyper Ledger Fabric

- Deployed & configured Hyper Ledger Fabric for storing and accessing legal records in secured manner. Developed smart contracts using Javascript. By using this eVault more than 60 - 75% of legal documents are stored and transferred without getting tampered.

Digital Banking Application ([GitHub Repository](#))

(May 2023 - June 2023)

Python | SMTP lib | JSON lib

- Created simple python application with command line interface for digital banking transactions (Debits & Credits) for Admin and End Users. Implemented 2-factor authentication using email/SMTP.

SKILLS

- Programming languages:** Python, C++, C, Java
- Web Development:** HTML/CSS, JavaScript, React, MongoDB, Express
- Databases:** MySQL, NoSQL
- Tools:** VScode, Chrome Developer Tools, Git
- Problem Solving:** Data structures and Algorithms, Object Oriented Programming Concepts.

EDUCATION

- B.Tech(Information Technology) - Keshav Memorial Institute of Technology - Hyderabad, India** Nov 2022 – present
– CGPA - 8.51
- Intermediate - Narayana e-techno school - Hyderabad, India** June 2020 – July 2022
– MPC - 79.89%

CERTIFICATES & ACHIEVEMENTS

Professional Development :-

- Selected Participant, Amazon ML Summer School 2024
- Prompt Design and Developing Generative AI Apps under GDSC at KMIT - 2024

Achievements:-

- Winner of Hackathon conducted by KMIT in Health Care domain – 2023
- 2nd Rank District level in Science Olympiad – 2017
- 3rd Rank in State Level Science Olympiad(VVM) – 2018

HOBBIES & EXTRA CURRICULAR ACTIVITIES

Recurse College Technical Club – Club Head

- Organized Hackathons, Technical events and Workshops on Web Technologies.

Rotaract Club – President

- Organized events like Blood Donation Camp, Educating students in Government schools, etc.

NSS(National Service Scheme)- PR Coordinator

- Helped NSS to connect with public through Social media and maintained public relations for NSS.