BALAVARDHAN REDDY

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EDUCATION

Bachelor of Technology (Indian Institute of Information Technology, Sri city)   August:2021 – May:2025

- Computer Science Engineering.
- Courses: Data Structures and Algorithms, Full Stack Development, Computer Architecture, Database Management, Computer Networks, Algorithm Analysis, Object Oriented Programming, Operating Systems, Artificial Intelligence, Machine Learning.

TECHNICAL SKILLS

Languages: JavaScript, SQL, Java, C++, c, Python, Solidity.
Databases: MongoDB, MYSQL.
Technologies: ReactJS, Express.js, Node.js, jQuery, Bootstrap, Blockchain, Web-scraping, Rest-API.

PROJECTS

Health Nexus (Web application)🔗 *(ReactJS v18, NodeJS v16, MongoDB and Express-JS.)*

- Developed a dynamic and responsive web page featuring a user-friendly interface, used to sell or buy products from the application. Provides more than 50 products.
- Formulated and launched a sophisticated platform featuring 4 key functionalities: Products, lab tests, Doctor consultant. Discussion with Admin or Doctor.
- Collaborated with a team of 5 members and successfully deployed the docker image on Microsoft Azure.

International Olympic Management System 🔗 *(Java, MYSQL.)*

- Constructed a command line application to store details of 100's of Players with less data redundancy.
- Coordinated with a team of 4 members and took the responsibility of guiding the team.
- Strengthened the workflow of the application using the 4 main pillars of the Object-Oriented Programming (OOP) concepts thoroughly in an effective way.

Truecaller-web3.0🔗 *(ReactJS v18, Blockchain, solidity v0.8)*

- Smart contract is written in Solidity language using Ethereum sephoila. MetaMask integration is also done. User can login Through the application and add and search respective numbers.
- Reported spam and automatically remove from the spam also implemented. Top 3-4 spam numbers are more highlighted. This is a decentralized Application.
- The project is also deployed using firebase google. More the spam reports 80% are more highlighted.

WIKIPEDIA -BASED Document Ranking🔗 *(Web scraping, python.)*

- Wikipedia based documentation is done as a part of Information retrieval project user can enter the query in the search box and can get all the documents related to the entered query.
- The top 10 documents related to the query are retrieved. This is a small search engine with 80% accuracy.
- Feedback from the user is also taken relevance-feedback and precession-recall curve also generated based in the feedback from the User. Application has retrieval rate less than 0.3 seconds.

EXTRA-CURRICULAR ACTIVITIES

- Completed the AWS CloudWatch application using the amazon console, created path for Autoscaling monitoring.
- Full filled the role of an Anchor in the Institute Events having an audience of around 900.