# Chandra Sekhar Sai Potti

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## Summary

Student in the final year of B.Tech, majoring in Computer Science at IIIT Sricity, Having foundation and Experience in Programming, Web application Development evidenced by the contributions in web application development. Passionate to make meaningful contributions in Big Data and Web Technologies.

## Releavant Experience

### Full Stack Developer  Github

React | NodeJs | Express | MongoDB | Docker | Azure

➔ Worked on Developing a Full Stack Web application as a part of academic project.The application was designed to bridge the gap between freelancers and companies/individuals hiring for temporary job roles for projects

➔ Application services include Registering, Posting freelance services, Exploring freelancers and different freelancing services offered, Chat with the freelancers.

➔ My contributions to the project include UI development of Home, Description,profile Pages which includes UI for Filters and Pagination. DataBase design with MongoDB, User Authorisation using web tokens, Middle-ware implementation. End-to-End implementation of Real-time chat ,Filter and Pagination Services,CI/CD with Github actions and Azure app service.

## Projects

### Commodity Price Analysis  Github

PowerBI | Data Visualisation | Modeling | Tranformation

➔ Power BI project to analyze historical commodity prices, aiming to uncover valuable insights into price trends, seasonality, and the factors influencing commodity prices over time.

➔ Imported and integrated data from diverse sources to create a robust data model. Cleaned and transformed the data using power query and added Calculated measures, quick measures and Calculated columns for finding data trends.

➔ Designed interactive visualizations, including line charts, area charts, tables, and slicers, to facilitate exploration of commodity price data and trends

### ExtrAzon  Github

Python | pandas | HTML-Parsing | Web Scraping

➔ Python based Web scrapping application to extract product data from amazon website.

➔ Implemented dynamic scraping techniques to handle paginated results, user-agent rotation for effective retrieval.Cleaned and transformed the retrieved data using pandas.

### MTBRes  Github

Machine Learning | Data Processing

➔ Implemented traditional Machine Learning models to predict the drug resistance of Mycobacterium tuberculosis.

➔ Data preprocessing, Feature selection and Feature extraction are done to enhance the model's performance.

➔ Achieved an Accuracy of 95.32 in prediction the resistance of Drug.

## Education

**Bachelor of Technology in Computer Science**  Indian Institute Of Information Technology, Sricity
August 2020 - Present
CGPA: 8.66/10

**Higher Secondary Schooling**
Narayana Junior College
July 2018 - July 2020
Marks: 964/1000

## Skills

### Languages

- C • Java • Python • SQL
- JavaScript

### Web Development

- HTML • CSS • JavaScript
- NodeJs • React • Express

### DataBases

- MySQL • MongoDB

### Data Analysis

- SQL • Python • Pandas
- Numpy • PowerBI

### Tools/Platforms

- Git • Azure • Aiven
- Docker • MongoDB Atlas

## Relevant CourseWork

- Computer Programming
- Data Structures and Algorithms
- DBMS
- Computer Networks
- OOPS
- Full Stack Development
- Cloud Computing