✉ **teja37.kota@gmail.com**

🔗 **https://tejaswi2737.github.io/Portfolio/**

📱 **0481984681**

— SKILLS —

React JS, Redux, Hooks, HTML5, CSS3, JavaScript / ES6, Enzyme, Node JS, MongoDB, Responsive Web Design

Python, Pandas, Excel, Jupyter Notebook, SQL

Data Wrangling, Regression Analysis, Clustering Techniques, Machine Learning, Web Scraping

Git/GitHub, GitLab CI/CD, VS Code, Swagger

Jira, Scrum, Kanban, Confluence

TEJASWI KOTA
Front End Developer & Data Analyst

— PROJECTS —

Totalizer Betting
Code   🗓 June2020

React.js, Redux, CSS, Responsive Web Design, State Management, JSON

A react front end application for totalizer betting. The currently available version can mock Win/Place, Quinella, Trifecta, First4, Exacta and Duet bets.

COVID-19 Daily Statistics
Code   🗓 Apr 2020

React.js, Redux, CSS, Jupyter Notebook, Axios, Python, Excel Google Developers API and GitHub

This website presents up-to date COVID-19 cases Data for the first 30 countries on the total cases registered list. Raw Data fetched from John Hopkins repository is wrangled using Jupyter notebook into the required data form.

Customizable Personal Portfolio
Code   🗓 May 2020

React.js, Redux, Hooks, JSON, CSS, API and GitHub

A totally customizable and re-usable personal portfolio webpage developed using React. Most of the components are completely re-usable and extendible by simply updating the JSON data.

Sydney Vs Melbourne: Train Connectivity
Code   🗓 May 2020

Jupyter Notebook, Python, Web Scraping, JSON, Excel, Pandas, Seaborn, Matplotlib, K-means Clustering, GitHub

Analysis comparing how well Sydney and Melbourne's suburbs are connected by train. All the suburbs in each city are also classified into five clusters using k-means clustering algorithm based on their proximity to train stations as well.

Sydney Vs Melbourne – Top Venues
Code   🗓 May 2020

Jupyter Notebook, Python, Web Scraping, JSON, Excel, Pandas, Seaborn, Matplotlib, K-means Clustering, GitHub, Foursquare Developers API

A comparative study of the top 10 venue categories in Sydney and Melbourne. Around 4000 venues details fetched from Foursquare API. The distances of each venues from suburbs, top venues of each suburbs were clustered and compared for both Sydney and Melbourne

EXPERIENCE

Structural Engineer (Casual)
ClearCalcs

📅 Sep 2019 – Jan 2020
📍 Mel, Australia

- Developed a cloud-based calculator for development length calculation in concrete members.
- Worked on updating and testing for unit awareness of the existing Australian standard Steel and Concrete section design calculations.

Design Engineer
KotaCorp

📅 Jan 2018- Sept 2018
📍 Hyderabad, India

- Worked on analysis and design of a 13-storey commercial building and a few residential projects using Etabs, Excel, MATLAB and StaadPro

Design Intern
PEBS Pennar

📅 Nov 2017 – Jan 2018
📍 Hyderabad, India

- Investigated in detail the design files and AutoCAD drawings of several Industrial steel buildings and warehouses and developed a few design files for the design of Gantry Girder, wind load analysis and many other calculations.

Assistant Professor
VNR-VJIET & VRSEC

📅 Apr 2015- Nov 2017
📍 Hyderabad, India

- Ensure suggested knowledge transfer to the students as per the syllabi, with the help of lectures, assignment, handouts and practical trainings
- Collaborate with academic/administrative committees to suggest on institutional policies and academic matters
- Supervise students' project works and evaluate grades on tests, seminars and projects.

REFERENCES

Available Upon Request

EDUCATION

Data Science Professional Course
Online-Certification
IBM Data Science Professional

📅 Feb-2020 – April 2020

Modern React with Redux [2020 Update]
Online-Certification
Udemy

📅 Feb-2020 – April 2020

MTech (MS- Structural Engineering)
Full-Time
Indian Institute of Technology-Gandhinagar IIT-GN

📅 July-2012 – Feb 2015

BTech (BS- Civil Engineering)
Full-Time
Sri Venkateswara University College of Engineering SVUCE

📅 Sept-2008 – April 2012