SAI TEJA ERUKUDE

DEVELOPER @ TCS DIGITAL

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ABOUT

I'm extensively experienced in working in an agile development environment. Profound knowledge of Python, Java, OOP, SQL, Problem solving etc., and very passionate about software development. Hence, aiming for a SDE position.

WORK EXPERIENCE

Tata Consultancy Services

System Engineer   Apr 2021 - Present
Assistant System Engineer   Nov 2020 - Apr 2021

- Developed AEM templates, web sites, forms, experience fragments and custom components in the agile way.
- Implemented new functionalities to the existing travel ticket booking website and improved the customer conversion rate.
- Migrated the existing site structure to AEM.

Used: AEM 6.5, Java, Maven, JavaScript, jQuery

Full Stack Developer (Java) - Intern

TA Digital   Feb 2020 - Jul 2020

- Worked on Java Servlets, JSP, JDBC, MySQL and front-end languages like HTML, CSS, JavaScript and Bootstrap.
- Successfully implemented an ecommerce website from scratch.
- Worked closely with HTTP session and design patterns like MVC, DAO.

Electronics Engineer - Intern

XFAB - Cairo, Egypt   Jun 2019 - Jul 2019

- Designed and developed systems as per the client's requirements.
- Used my exceptional coding skills to program embedded projects like Solar Tracking System.

Used: Arduino, Arduino IDE, C language

ACHEIVEMENTS

- Secured 100% CTC hike and got promoted to System Engineer just in 6 months after joining TCS.
- One of the winners of Hackathons conducted by TCS for two times in a row.
- HackerRank certified for clearing the assessments of **Python**, **Java** and **Problem Solving**.

SKILLS

Python   Java   SQL   JavaScript   HTML/CSS
Adobe Experience Manager 6.5   C   Bootstrap
Firebase   OOP   JQuery   Problem Solving

PERSONAL PROJECTS

Voice Assistant 🔗

- Capable of understanding natural language voice commands and performs tasks for the user.
- Well trained to fetch and read the latest news updates, compute expert level answers, send WhatsApp texts, read/write notes, play songs on YouTube, do Wikipedia searches and many more.

Tech Stack: Python, speech_recognition, pyttsx3

ChatBot 🔗

- Automates conversations with users on topics like AI, politics, sports, humor, history, emotions etc.
- One can also create a custom corpus training data and train the bot.

Tech Stack: Python, Flask web framework, ChatterBot

Portfolio Website v1.0 🔗

- Developed a fully responsive website that showcases my skills and the projects that I've done.

Tech Stack: HTML5, CSS3, Bootstrap, JavaScript

IoT Based Water Quality Measuring System 🔗

- Developed a system that monitors the water quality and stores the data in a cloud hosted database, which is then displayed in a robust mobile app. The user is alerted by a VoIP call on quality breach.

Tech Stack: NodeMCU, Firebase, IFTTT, Arduino IDE

Covid Data Visualization 🔗

- It visualizes the covid-19 impact globally. I've used Python Pandas to manipulate the geojson data.

Tech Stack: Python, Pandas, Folium, VSCode

Zero21 Game 🔗   Tic Tac Toe Game 🔗

EDUCATION

Bharat Institution of Engineering & Technology
B.Tech in ECE | CGPA - 8.12 | Aug 2016 - Sept 2020