

TEJAS SANGHAI

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EXPERIENCE

ARISTA NETWORKS

Software Engineer (Automation)

July 2023 - Present Pune, India

- Spearheaded WiFi Technology and Network Automation Initiatives.
- Utilized Python to spearhead innovative WiFi technology and network automation initiatives, significantly enhancing network performance and operational efficiency.
- Developed robust automation scripts focusing on TCP/IP, routing, VLANs, and load balancing, resulting in substantial time and resource savings.
- Orchestrated multiple Python automation projects:**
 - Access Point-Datarate Automation:**
 - Created a Python script to retrieve and analyze transmitted and received data bytes from Access Point (AP) server communication, optimizing network performance.
 - Continuous AP-Client Traffic Automation:**
 - Engineered a script ensuring uninterrupted connections between clients and access points, thereby guaranteeing seamless network connectivity.
 - GNMI Automation:**
 - Leveraged GNMI and Python to automate data streaming from network devices, contributing to comprehensive access point monitoring.
- Authored a comprehensive Server Scale Test Report using Python, Django, HTML, CSS, and MongoDB:**
 - Designed an intuitive dashboard for visualizing server scale test data.
 - Implemented data storage and retrieval in MongoDB, focusing on timestamp and crucial values.
 - Developed a Django-based web application for data presentation, integrating Matplotlib for interactive graph generation.
- Key Achievements:**
 - Successfully led the migration project from CentOS Linux 7 to AlmaLinux for the redirector server, gaining insights into its crucial role in efficient access point to server connectivity.

PROFILES

- [Leetcode](#)
- [Hackerrank](#)
- [Codechef](#)

CERTIFICATIONS

- Web Developer-Bootcamp**
By Udemy(05/2021 - 09/2021) [Link](#)
- NodeJS with Express and MongoDB**
By Udemy
- The Data Analyst Course: Complete Data Analyst Bootcamp** (Data visualization, Data Analysis)
By Udemy(08/2023)

EDUCATION

B.Tech (Electronics and Telecommunications)
Vishwakarma Institute of Information Technology, Pune

CGPA: 9.15/10

August 2019 - May 2023

HSC Certificate

Vivekanand College of Science, Aurangabad

Percentage : 76.6

2017 - 2019

SSC Certificate

S.B. HighSchool, Aurangabad

Percentage : 90.6

2017

PROJECTS

Amazon Clone - ReactJS

- ReactJS, Redux-thunk, react-router-dom, stripe, firebase. [Link](#)
- Successfully replicated the interface of Amazon's website using ReactJS.
- Integrated Redux with Redux-Thunk for efficient state management and asynchronous actions.

Yelp-Camp Campground Project

- NodeJS, MongoDB, JQUERY, HTML, CSS, Express-js** [Link](#)
- Engineered and implemented a fully functional CRUD application for campgrounds, allowing users to perform Create, Read, Update, and Delete operations seamlessly.
- Developed an interactive platform that enabled users to add campgrounds for review and feedback from other users, enhancing engagement and community participation.

ACHIVEMENTS

Peer Bonus x2

- I have been recognized twice with peer bonuses, highlighting my ability to collaborate effectively within teams and contribute positively to the success of collective endeavors. These bonuses reflect not only my dedication to achieving shared goals but also the trust and appreciation of my colleagues for my contributions.

TECHNICAL SKILLS

- Programming:** Java, Python, C/C++
- Development:** React.js, Express.js, Node.js, Html, CSS , Bootstrap,
- Springboot with microservices
- Operating System:** Linux, Windows
- Clouds:** GCP
- Database:** SQL, Firebase, MongoDB
- Version Control:** Git & GitHub
- Academics:** Operating System(OS), Database Management System(DBMS), Computer Networks(CN), OOPs. TCP/IP,