CHETAN MUKUND JARANDE

Software Engineer

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SKILLS

Programming Languages:

`Python` `CPP` `Javascript`
`HTML` `CSS`

Deployment, Version Control:

`Docker` `Git` `Vercel`

Libraries and Frameworks:

`ReactJs` `Material-UI, Antd`
`Bootstrap` `Numpy, Pandas`
`matplotlib` `OpenCV`

Database:

`MongoDB` `MySQL`

COURSEWORK

• Data Structures and Algorithms
• Neural Networks
• Data Analysis
• Architecting with Google Compute Engine Specialization

EDUCATION

Computer Engineering | Jayawantrao Sawant College of Engineering, Pune

📅 June 2018 – June 2022

📍 Pune, India

• CGPA- 9.11

ACHIVEMENTS

🏆 **Google Cloud Platform** Completed over 30 Quests and earned more than 15 Skill Badges on Qwiklabs for hands-on practical experience and challenge with the Google Cloud Platform. link

EXPERIENCE

Software Engineer | Crest Data Systems

📅 01/2022 – Present   📍 Pune, India

Virtual Machine and Bitbucket Tracker | *ReactJS, FastAPI, MongoDB*

- This application streamlined the virtual machine management process for users and improved auditing for administrators as well as creating Bitbucket repositories and granting access to specified users based on user requests with oversight from PMO and admin approvals.
- Utilized **ReactJS** to build the frontend and created customized dashboards for Users, PMOs, and Admins to **manage VMs and Bitbucket repo creations and tracking**.
- The backend includes **automated Jira** issue creation and status transitions to track details for user requests. Additionally, Utilized **vSphere API** to power on/off, reassign, create, delete, and sync VMs on Sphere, and **Bitbucket APIs** to create and manage access to repositories. Furthermore, configured **Nginx** as a proxy server and load balancer.
- Leveraged **Jinja** templates to generate and send **manual and automatic email notifications** using an SMTP server.

Splunk: Cycognito TA and APP | *Splunk, Rest API, SPL*

- Developed a TA addon application in Splunk as a member of a team, which involved ingesting assets and issues data from the client **CyCognito's server** using **Splunk Rest API handlers**.
- Assisted with **validations and optimized app responses** to enhance its performance and implemented **logging best practices** in the TA addon.
- Took responsibility for **creating a dashboard** within the Splunk CyCognito App, allowing for a more **informative and statistical view** of data ingested by the Splunk CyCognito addon.
- Utilized **Tstats queries of Splunk** to achieve this.

PROJECTS

Estimation Of Food Calories using DL, OpenCV Algorithms | |

📅 10/2021 – 02/2022

Technology Used | *Deep Learning, Open Computer Vision, Python, Image Processing*

- This application gives approximate estimations of calories present in the **images** using **YOLO V4 and OpenCV Algorithms**
- this application uses **Object Detection and Extraction, Image Processing, and Segmentation** techniques.

Daily Use Apps using HTML and JS | |

📅 08/2019

Technology Used | *HTML, CSS, JS*

- This is a combined application that covers many smalls small needs of users which they use on daily basis. This application contains **Calculator**, **Currency Converter**, **Temperature Converter**, **Weather**, **Music App**.
- This system contains the Login page sign in and sign up, Applications List page, Log out and user remove functionalities.