

SKILLS

- **Programming Languages** : Python, Java, Advanced SQL, Javascript
- **Libraries and Frameworks** : Django, React, Spring Boot
- **Tools** : Docker and Kubernetes, AWS
- **Other Skills** : Data Structures and Algorithms, LLD

EXPERIENCE

Programmer Analyst

Aug 2022 - May 2023

Cognizant

- Worked as a Automation Tester with offshore team of 15 for multiple projects, Sprint user stories, Integration, Regression and Automation Testing, Migration and Software releases for a UK based Hospitality chain (Whitbread).
- Managed Offshore scrum calls and other reporting activities as I was starting out which helped me gain realtime project Management, requirement gathering, test planning and collabrative skills.
- Created code base in Java for automation tasks and Worked parallely in AEM migration, Rest API Testing using postman, docker.
- Experienced in Java, Python, Jenkins, Docker, Postman, JIRA, Git, Intelij IDE, Content Authoring CMS.

PROJECTS

Webapp for SEO data visualization and query

- Created a website where users can log into this site to get information and find insights about Search Volume data from different sources like Google, Amazon and for any keywork and its **search volume** along with **20** other **data points** which are publicly available through **Rest APIs** (seodata).
- Enabled authentication using Google Oauth 2.0 and implemented test Scrips for **CI** integration in **GIT**.

Techstack -- **React, Spring Boot, Html, Css, JavaScript, Docker, PostgreSQL** (storing templates), **MongoDB** (users), Azure.

Cross Platform finance app

- Developed an android app in which we can add daily expenses and retrive data and spending patten of user and segregate among categories.
- Integrated **Material UI** with premium look and **authentication, storage** and retrival of user data and published it to google play store (Expcal).
- Created in a timeframe of 40 hrs with **firebase** integration and build versions are available for **IOS** and **web**.

Techstack -- Flutter, Firebase, SQLite, Mongoddb, RestAPI

Personal Project (devops)

- Integrated multiple open source projects of **20 plus sites and services (Streaming sites, PostgreSQL, kafka, jupyter, VScode** etc..), on my website using raspberry pi and **Portainer BE** which makes it easier for deploying projects for branching and beta releases before production.
- Integrated these sites with its own **SSL** certificates and **Nginx** as server, with **reverse proxy, load balancing** and **https redirects**. And all these sites can be managed, deployed, updated in a single place which can be accessed from my own public domain.

Techstack -- Nginx, Portainer, Docker compose, Hosting, Cloud Automation, Server Mangement.

Mini Projects

1. Developed **ETL pipeline python scrips** which can extract and load data from sites and load them into database.
2. Created multiple **Home automation** projects which can interpret movement from sensors and trigger **webhooks** to control appliances.
3. Created a app for social distancing using bluetooth with realtime alert to minimize spread during my internship at **NewgenInfo tech** in 3rd year, as a **design intern** for a duration of 3 months.

ACHIEVEMENTS

Hackerrank (Problem Solving Intermediate, SQL Advanced).

EDUCATION

Woolf University (Scaler)

2024

MS | 98%

Mathematics for Computer Science, Advanced Data Structures and Algorithms, Low level design, High level design, Design Patterns, Software Engineering.

Hindusthan college of engineering and technology

2022

BE/B.Tech/BS | 9 CGPA

HOBBIES

Football, BasketBall, Chess (District level).