

SAYALI MARTAL

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ABOUT ME

Performance-driven and motivated Full Stack Developer with 6 years of extensive experience in participating in all phases of software development. Possess a strong attention to detail, well-developed time management skills, and ability to complete all projects within schedule and in a timely manner.

EXPERIENCES

Fractal Analytics

- From 08/2021 – present, Mumbai (Engineer)

- Developed new design and adding new features in a webtool using React JS, Express JS, Sequelize, PostgreSQL, Big query, and SQL-bricks.
- Designed and developed user authorization system with admin as well as user panel to grant and remove user access.
- Worked on analytics project to capture user behavior and tracking metrics.
- Performed indexing on tables to reduce the API response time and optimized the code to fetch the data without getting timeout error.
- Revamped data seeding process to take half an hour, down from the 5 hours it took earlier.
- Migrated the system backend from pre-existing PostgreSQL and Sequelize data structure to big query and SQL-bricks based data structure.

Leadge Business Services LTD

- From 02/2020 – 08/2021, Mumbai (System Analyst)

- Mentored a team of 2 junior developers.
- Worked closely with the finance team to build BI Assisted tool for giving companies insights using Angular JS.
- Utilized Flask Rest Framework to create APIs for the tool and later reduced the time taken to load the data by 80-90%.
- Developed PNL statement and ERP system webtool to process real time data and help clients get rid of excel sheets.
- Success of the tool led to 100% incremental revenue monthly, with substantial increase in customer base of around 80-100% within a year.
- Designed and developed end to end app and acted as the point of contact for all critical errors.

Tata Consultancy Services

- From 12/2017 – 02/2020, Bangalore (Data visualizer, Full stack developer)

- Worked alongside another developer to implement webtool used for analysis of STB failures and suggest repairs which reduced required manpower of company 50%.
- Designed websites using D3.js, Angular JS for data visualizations and the information is extracted from python backend using rest APIs and SQL database.
- Designed rest API using web scraping and store it into PostgreSQL.
- Fixed bugs in the old code and added some additional functionalities to the existing code using Golang and SQL. Ran code as CRON on ubuntu machine.

Developed a tool using python and Angular JS to examine the health of testbeds used in Broadband testing and stored JSON data in MongoDB. Designed frontend to trigger tests and generated reports using flask framework.

PROGRAMMING

Frontend Languages	React JS, Angular JS 1.0x, Typescript, JavaScript, HTML, CSS, D3 JS, Bootstrap
Backend Languages	Python, Express js, Sequelize
Databases	Big query, MySQL, MSSQL, PostgreSQL, Basics of Mongo DB
Web Technologies	Flask, NPM, Node, SQL-bricks
Servers / Process Manager	Apache, PM2, AWS, Basics of docker
Version Control System	GitHub, GiLab, Bitbucket, SourceTree

EDUCATION

Rajiv Gandhi Institute of Technology

Bachelor of Engineering in Electronics and Telecommunication CGPA-8.3/10

2013–2017

Mumbai University, India

ACHIEVEMENTS

- Received star performer award for Jul – Sept, 2022 at Fractal Analytics

PROJECTS

- Designed and developed personal portfolio website using React JS and deployed on netlify.
- Created a web application to post blogs about travel. The app is made in flask and database is sqlite and deployed on AWS.
- Scraped and analyzed the data to predict if the campaign will complete its goal or not.

CERTIFICATIONS

- D3 Js Basics, Coursera, 2021
- Completed Harvard's CS50 course, 2018.
- Acquired SQL certification from Caliber Infotech Solution, 2017.