Rishabh Guha

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EXPERIENCE

Software Development Engineer III
Walmart   **June 2022 – August 2022, Arkansas, US**
· Enhanced the ReactJS front-end for the myTech application within the Enterprise Business Services team to improve page loading times , servicing over 10,000 monthly users.
· Implemented 5 new Java API endpoints for the front-end in Spring Boot.
· Migrated local asset files to the internal cloud and implemented AJAX calls to fetch byte streams of the assets.
· Improved Google Lighthouse score from 50s to 80s for multiple webpages.
· Refactored multiple React components like the page toolbar to use MaterialUI.
· Created JavaScript unit tests using Jest.

Software Development Engineer
OYO   **January 2020 – August 2021, Bangalore, India**
·Completely revamped the user onboarding website, developing and maintaining around 20 new webpages for Belvilla.com, a European hospitality brand with 40,000 hotels.
· Implemented new features such as automatic onboarding E-mail flow and appointment scheduling for verbal assistance which led to 30% increase in lead generation.
· Created new and modified existing Java and NodeJS APIs .
· Collaborated with Product managers to attain user feedback and implement suggested changes using Figma prototypes. Incorporated UX/UI principles and patterns, for the responsive user interface that resulted in 40% improvement in user engagement.

Summer Intern
Deloitte Touche Tohmatsu LLP   **May 2019 – August 2019, Gurgaon, India**
· Contributed to two projects in the Assurance parallel of the Risk Advisory department.
· Built a web scraper using Python and Selenium.
· Collaborated with the Deloitte Mumbai tech team to design a linear regression model to implement spam filtering for an internal application.

PROJECTS

MusicGenie
February 2023 – April 2023
· Implemented the front-end using ReactJS and MaterialUI for a web-app that generates a playlist of songs based on user text input.
· Designed a Machine Learning algorithm using XGB models to map text to audio parameters.
· Integrated 9-10 Spotify APIs to obtain audio characteristics of songs and to implement User Authorization.

DonorBox
July 2020 – September 2020
· Created a prototypal version of a decentralized crowdfunding platform on the Ethereum blockchain using Solidity smart contracts, NodeJS and ReactJS.
· Integrated around 5 APIs to monitor token prices and implemented smart contracts to execute an internal token swap operation.
· Presented the same at EthGlobal's HackMoney 2020 in front of Vitalik Buterin.

EDUCATION

Master of Science (MS) in Computer Engineering
New York University · New York, USA · 2023 · 3.45

Bachelor of Science (BS) in Information Technology
Manipal University · Manipal, India · 2020

SKILLS

Front End: HTML, CSS, SCSS, Material UI, JavaScript, React + Redux, Angular, VueJS, NodeJS
Programming: Python (Algorithms), SQL, Java, Bash (Linux), C++, Git