Rishabh Guha

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EXPERIENCE

Lead Software Developer, Front End
PolyBee   **May 2023 – Present, Remote**

· I owned developing the entire frontend for v2 of the digital phenotyping website using React and Tailwind CSS including designing, implementing security measures and integrating backend APIs.
· Decreased development time by 60% by building reusable React component libraries.
· Proficiently leveraged ChartJS to present extensive real-time data, employing a diverse range of chart types for enhanced data visualization, increasing user engagement by 80% as compared to the previous version of the website.
· Implemented 95% code coverage using tests written in Jest.

Software Development Engineer III
Walmart   **June 2022 – August 2022, Arkansas, US**

· Designed and deployed the front-end of our in-house technical solutions web-app used for internal IT Support, resulting in substantial cost savings exceeding $50,000 per month.
· Migrated local asset files to the internal cloud and implemented AJAX calls to fetch byte streams of the assets, decreasing asset loading times by 150% and improving user satisfaction by 60% .
· Actively engaged with cross-functional teams to gather design requirements, participated in peer programming sessions, and rigorously tested all applications, ensuring a 100% quality standard.
· Successfully developed and deployed five new Java APIs utilizing the Spring Boot framework.
· Improved Google Lighthouse score from 50s to 80s for multiple webpages.
· Refactored multiple React components to use MaterialUI.

Software Development Engineer
OYO   **January 2020 – August 2021, Bangalore, India**

· Migrated a legacy stack to React/Redux for the user onboarding website, developing and maintaining around 20 new webpages, managing 20,000+ monthly user traffic.
· 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 UI/UX principles and patterns for the responsive user interface that resulted in 50% improvement in user engagement.

PROJECTS

MusicGenie
February 2023 – April 2023

· Created a web-app that generates a playlist of songs by performing sentiment analysis of user text input.
· Implemented the front-end using ReactJS and MaterialUI and designed a Machine Learning algorithm using XGB models to map text to audio parameters.
·Integrated multiple Spotify APIs to extract precise audio characteristics of songs while seamlessly implementing robust User Authorization protocols.

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, SCSS, Material UI, JavaScript, Typescript, React/Redux, Angular, VueJS
Programming: Python (Algorithms), NodeJS, SQL, Java, Git