SAI BARATH R

Software Engineer

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SUMMARY

I've waved my coding wand to transform outdated product stacks into modern web-based wonders with experience on implementing visual, interactive elements for enhanced user experience with **CSS** and developing responsive web applications and **scalable components** in a **Startup culture**. Awarded the **Star Performer award for Q3, 2023**, Skilled in **TypeScript** and proven ability to collaborate with team members, improve front-end features, and ensure code quality using best and updated practices.

EXPERIENCE (1 YEAR 4 MONTHS)

08/2022 - Present

Hyderabad, Telangana, India

Software Engineer
Ozonetel Communication Pvt. Ltd

- Revamped the company's entire product stack, transitioning to a modern **React.js** based web applications, resulting in a significant improvement of around **50% in load performance** and achieving **100% responsiveness** across devices and browsers.
- Recognized with the prestigious **Star Performer Award for Q3 2023** for delivering high-quality work on short notice, providing over **14 reusable** components with customizations, demonstrating exceptional skills and contributions to the team's success.
- Redesigned the old sites by implementing updated versions of **Web sockets, WebRTC**, and **Service worker**, enabling real-time communication for calls, messages and seamless notifications, significantly enhancing the overall functionality and user engagement by 12%.

02/2022 - 05/2022

Chennai, Tamil Nadu, India

Software Engineer Intern
Verizon

- Enhanced the performance and reliability of the company's product stack by updating and maintaining backend services using **Java**, **Spring Boot**, and **MySQL**, resulting in a **30% reduction** in system response time and a **50% decrease in downtime**.
- Implemented RESTful APIs for the Verizon in-house sites, ensuring robust security measures and seamless integration, which led to a **40% decrease in API response time.**

PROJECTS

Agent Portal - Cloud-based Call Center Solution
📅 02/2023 - 04/2023

React, TypeScript, HTML, CSS, WebSocket, WebRTC, Service Worker, Redux, WebPack

- Significantly improved communication capabilities by implementing **WebRTC calls, WebSocket** chats, and notifications, resulting in a **50% reduction** in communication latency and a **30% increase** in response time, enhancing collaboration and customer satisfaction.
- Successfully integrated multiple types of campaigns (**outbound, inbound, progressive, blended, and predictive**), resulting in a **40%** increase in campaign conversion rates and a **25% boost** in overall call center productivity.
- Provided real-time insights into call center performance, campaign effectiveness, and agent productivity through interactive charts and graphs, enabling data-driven decision-making and resulting in a **35% improvement** in operational efficiency and a **50% reduction** in data analysis time.

PROJECTS

Admin Portal - Cloud-based Call Center Solution

📅 09/2022 - 11/2022

React, TypeScript, HTML, CSS, Mui, Formik, Ag-Grid, Chart.js

- Accomplished high-performance development by building a robust React.js web application from scratch resulting in a **40% improvement** in site speed and performance.
- Empowered over **50,000 call center** agents by developing the Admin Portal, a comprehensive web application that provides metrics viewing, shift scheduling, training resources, and seamless communication.
- Successfully handled complex forms and efficiently managed large amounts of data, enabling the seamless display of **800,000 records** while ensuring optimal performance and user experience.

SKILLS

JavaScript   React.js   Redux   Web APIs   WebPack   SaaS   HTML   CSS   Spring   Node.js

ACHIEVEMENTS

💎 **Star Performer Award for Q3 FY23**
Ozonetel Communications

💎 **District First in Mathematics**
CBSE Class 12 Board Examination.

EDUCATION

06/2018 - 06/2022

B.Tech, Computer Science and Engineering
SRM Institute of Science and Technology
CGPA **8.83** / **10**

04/2016 - 05/2018

Higher Secondary Education, Computer Science
Sri R.M. Jain Group of Schools
Grade **420** / **500**

LANGUAGES

English Native ●●●●●
Tamil Native ●●●●●

HOBBIES

💎 **Light Novels**

💎 **Badminton**

💎 **PC Assembling**