Sahyog Saini

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SUMMARY

Experienced Software Engineer with 3 years of expertise in Node.js, React.js, Redux, TypeScript, MongoDB, Nest.js framework, and Flutter. Proven commitment to writing clean and efficient code that is easily maintainable, with a focus on delivering high-quality software solutions. Always eager to learn and apply new technologies to solve real-world problems. Thrives in collaborative environments and is ready to bring my technical skills and passion for continuous learning to contribute to impactful software projects.

EXPERIENCE

Software Engineer
Riktam Technologies   **October 2021 - Present, Hyderabad**

· Actively participated in collaborative efforts within the team by recommending using TypeScript for easier code maintenance and suggesting **improved database query** strategies.
· Managed a **core microservice** at Setel startup in Malaysia, utilizing **Nest.js, Docker, Rabbit MQ, and Bull** to develop and maintain the microservice, ensuring seamless communication, scalability, and efficient handling of approximately **2000 requests per day**.
· Key contributor in developing a **product from scratch**, adept in both **front-end and back-end** development, with a focus on ensuring comprehensive end-to-end testing.
· Solely designed and developed an **admin panel**, encompassing essential features, from building the user interface to building robust backend APIs.
· Significantly improved search, filter, and pagination API response times, slashing **latency from 4 seconds to around 1 sec**. Achieved through db query optimizations.
· Actively reviewed pull requests, providing constructive feedback to maintain code quality and uphold best practices.
· Build optimized db queries in Redash for faster weekly report generation, **reducing the report-building time** from approximately **15 seconds to 7 seconds** for a **dataset of 30-35k** records, demonstrating improved analytical skills.
· Stepped up as team lead, successfully managing team responsibilities in the absence of the team lead.
· Successfully integrated **GraphQL APIs** into the React app, enhancing data retrieval and improving overall system efficiency.

Intern
Riktam Technologies   **April 2021 - October 2021, Remote**

· Received extensive training in various web and mobile app development technologies, strategically applying acquired knowledge to enhance practical skills through project implementation.
· Explored multiple products across different teams, gaining **hands-on experience** through diverse project involvement and collaborative efforts with colleagues.
· Built a chat application using Flutter and Cloud Firestore (Firebase), incorporating features such as **real-time online status indicators** and **typing status** for improved communication.

Flutter Developer - Internship
RedPositive Service OPC Pvt. Ltd   **May 2020 - July 2020, Remote**

· Collaborated within a 2-member team to develop customer and vendor apps for an online Tiffin Service, addressing both major mobile platforms.
· Enhanced the user experience by incorporating a **map feature into the app, allowing customers to easily locate nearby Tiffin providers**. Additionally, implemented a scheduling feature enabling users to **schedule Tiffin deliveries** weekly accordingly.
· Managed the deployment process of the **app on the Play Store**, ensuring seamless access for users and expanding its availability.

PROJECTS

Medium Scrapper
January 2021 - February 2021

· Engineered a web application utilizing Node.js for backend development, integrating the **Cheerio package for efficient web scraping** of blog data from the Medium website.
· Implemented a dynamic and responsive frontend using React, providing an intuitive user interface to display the crawled blog data.

EDUCATION

Bachelor of Technology - CSE
ABESIT · Ghaziabad · 2021

Intermediate
Priyanka Modern School · Dhampur · 2017

CERTIFICATIONS

Amazon Web Services Cloud Practitioner
Udemy · 2020

SKILLS

Javascript, Typescript, React JS, CSS-FlexBox, Flutter, Node JS, Nest JS, MongoDB, Redis, Rabbit MQ, Docker, Kubectl, Kubernetes.