Rahul Soni

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EXPERIENCE

Infilon Technologies Ahmedabad, India
Software Engineer *Jan 2022 - Present*

- Contributed in the successful migration of frontend components from Perl to React, resulting in a **80%** reduction in page load time, modernizing the user interface and improving user experience.
- Implemented build optimizations and parallelization techniques, resulting in a **90%** reduction in overall build time, enabling developers to iterate faster.
- Implemented backend services and APIs using Golang and SQL, that reduced average response time by **60%**, leading to faster data retrieval and improved system performance.
- Developed a comprehensive test suite with **Cypress** and **apitest** packages that covered application's critical functionalities, significantly reducing the number of post-release defects.
- Reduced the time required to detect and fix critical bugs by integrating automated tests into the CI pipeline, resulting in improved application quality and reduced risk of errors and bugs in production.

Tata Consultancy Services Ahmedabad, India
Assistant Systems Engineer *Oct 2020 - Oct 2021*

- Developed responsive and visually appealing frontend components using HTML/CSS, JSP, JS, and Servlets.
- Implemented efficient and scalable backend APIs using Java, Hibernate, and SQL, leading to a **30%** improvement in API response time.
- Contributed to unit testing efforts, increasing overall test coverage by **20%** and reducing crictical bug occurrences.
- Maintained CI/CD pipeline, ensuring successful deployments and reducing the number of failed builds.

PROJECTS

F1 Data Pipeline ⚲ /f1-data-pipeline

Python, dbt, GCP, Prefect

- Designed and implemented an ELT pipeline that ingested F1 data from various sources and stored it in Google Cloud Storage, using Prefect as the orchestrator.
- Applied dbt to perform transformations and calculations on the F1 data, creating **35** metrics that captured the performance and trends of the drivers, teams, and races.
- Visualized and analyzed the F1 metrics in Looker, a modern BI platform, creating **4** interactive dashboards that provided insights for F1 fans.
- Utilized Terraform to automate the provisioning and management of resources on Google Cloud Platform (GCP), resulting in a streamlined infrastructure setup process.

Better-Books ⚲ /better-books

NextJs, MongoDB, Material-UI

- Designed features such as a dynamic shopping cart, user authentication, and a product search bar, enhancing the overall shopping experience.
- Utilized MongoDB to store and manage product information, user accounts, and orders, ensuring data security and reliability.

PROGRAMMING SKILLS

- **Languages**: Python, SQL, Go, JavaScript(ES6)
- **Technologies**: dbt, Docker, Google Cloud Platform, Looker Studio

EDUCATION

Gujarat Technological University Ahmedabad, India
Bachelor of Engineering in Information Technology *Aug 2016 – Aug 2020*