Kalp Panwala
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SUMMARY

Highly motivated and results-driven Software Engineer with over 2 years of experience in full-stack web development, Angular, REST API, and data-driven applications leveraging agile methodologies to deliver efficient and collaborative solutions. Passionate learner with strong problem-solving, communication, and teamwork skills. Adaptable and driven, always seeking to contribute to company success.

TECHNICAL SKILLS

Programming Languages: Typescript, Java, JavaScript, PL/SQL, Python
Web Development: Angular, Bootstrap, Prime Ng, JQuery, HTML, CSS
Backend: REST APIs in Spring Boot and MuleSoft, Microservices, SSIS an ETL tool, Autosys
Database: Oracle MySQL
Tools: Git, Spring Boot, Docker, Jira, Toad, Splunk, Anypoint, Insomnia, Visual Studio, Ansible

PROFESSIONAL EXPERIENCE

Software Engineer 1   ***Bank of America***   Gift city, June 2021 – present

- Utilized Angular framework and Mule API to spearhead the development of an efficient Audit application, streamlining critical processes such as user access provisioning, ticket management, picklist management, and notifications, improving the productivity and efficiency of auditors by remarkable 60%.
- Successfully optimized web application performance by employing On Push Change Detection Strategy and efficiently reducing the bundle size of application, resulting in an impressive 30% quicker bootstrap time.
- Pioneered the creation of numerous reusable Angular components and in-house libraries for the bank's open-source platform, resulting in substantial time savings of more than 500 hours per development task for each team that uses them.
- Significantly contributed to the development of downstream systems using SSIS, and proficiently automated the processes using Autosys, leading to an impressive 25% reduction in error rate.

Machine Learning Intern   ***Edunomics***   Pune, June – July 2020

- Collaborated with the team to implement a highly optimized Machine Learning model for extracting crucial details, such as contract duration, rent, and lease location, from lease and rental agreements. This innovation eliminated the need for manual screening, resulting in a remarkable 70% increase in productivity.
- Played a pivotal role in fine-tuning the hyper parameters of the ML algorithm, enabling it to summarize lease and rental agreements by an impressive 65% while preserving essential data.

EDUCATION

Bachelor of Technology, Computer Engineering   Surat, Gujarat, 2017 – 2021
Sardar Vallabhbhai National Institute of Technology (NIT-Surat)   GPA: 8.88
Coursework – Data structures and Algorithms, Database Management Systems, Operating Systems, Cloud Computing, Artificial Intelligence and Machine Learning

PROJECTS

Spends Analyzer | Angular, Spring Boot REST API's, MySQL database

- Led the end-to-end development of this comprehensive web application empowering users to track and manage their Net worth, Credit card spends, Investments, and Loans efficiently.
- Empowered using Angular for the frontend, Spring Boot REST APIs for seamless data integration, and MySQL database for robust data storage and retrieval.

Automated MCQ-Generator | Python, Machine Learning

- Saved numerous man-hours by designing an algorithm which automatically generates MCQ's along with options (Distractors) based on the text provided.
- Integrated the concept of keyword extraction to extract keywords and then found similar words using the concept of WordNet and Conceptnet.

ACHIEVEMENTS

- Received GOLD and SILVER award in Bank of America for taking numerous technology sessions and for my exemplary leadership skills.
- Completed as a runner up in EET innovation challenge 2023 (Bank of America).
- More than 20k impressions on my tech-blogs on medium.com