DEVANSH SOOD

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Summary

With over 5 years of industry experience, I'm a full-time freelancer and senior software developer specializing in Python (Django, Flask, FastAPI), machine learning, and AI. Proficient in MySQL, MongoDB, React, and Bash, I deliver tailored solutions with a track record of efficiency and quality. Let's collaborate to achieve together!

Skills

Python, Django, Flask, Fast-API, React.js, REST, Shell Scripting

Experience

Leegality

Senior Software Developer   07/2022 - 05/2024

Deal Collab

- Led a team in the creation of templates with an integrated document editor, streamlining the contract drafting process.
- Spearheaded the development and implementation of workflow-based negotiation solutions, enhancing efficiency and saving valuable time for business teams.
- Designed and oversaw the development of an intuitive platform tailored for use by legal and business teams, emphasizing usability and accessibility.
- Consolidated multiple functionalities into a single platform, eliminating the need for separate tools for drafting, editing, negotiation, search, storage, analytics, and e-signature.
- Used Python Django for scalable backend, React for seamless frontend, MySQL for data management, Kafka for real-time processing.

Face Match

- Worked on the development of a Face Matching Machine Learning project, integrating advanced technologies for facial recognition, similarity analysis, and liveliness detection.
- Integrated features to enhance user security, including liveliness detection methods such as facial gestures and one-time passwords (OTPs).
- Implemented text recognition to extract OTPs from images, ensuring a robust multi-factor authentication system.
- Utilized FastAPI for the back-end to establish seamless communication, providing a high-performance and asynchronous interface for image input, result retrieval, and multi-factor authentication.
- Employed a recognition service to address challenges like variations in lighting, facial expressions, and angles.
- Played a key role in designing a user-friendly interface for image input, result retrieval, and multi-factor authentication.

Smart Name Verification

- Worked on Machine Learning based projects specializing in identifying the similarity between two names.
- Successfully addressed challenges including typos, missing characters, missing name parts, jumbled names, different last/first names, phonetic similarity/disimilarity, and varying genders.
- Achieved a remarkable 94% accuracy rate in identifying name similarity, surpassing the industry standard.
- Significantly reduced the false prediction rate from 85%, by implementing advanced machine learning models.

- Integrated Kafka for continuous logging, ensuring real-time tracking of predicted results and enhancing system monitoring capabilities.
- Utilized React.js for the front-end and Flask for the back-end to establish seamless communication, providing a responsive and user-friendly interface for data input and retrieval.
- Currently, model Trained is able to recognize the above mention use cases with **an accuracy of 94%**.

Leegality

Software Developer • Gurgaon, Haryana   08/2021 - 07/2022

Stamp Panel

- Created a microservice for the Stamp Panel dashboard which helps various employees to process and deliver digital stamp papers to vendors.
- Built a single-place platform for all the teams involved in procuring stamp paper.
- Developed a Cart Facility feature for adding and removing Stamp papers that need to be ordered.
- Implemented Payment and Invoice generation to vendors.
- Added recording and tracking of all courier-related information.

Achievements
- The project was beneficial for the firm. **It has reduced working time and manpower by 60%.**
- **Removed The frequent follow-ups from other teams.**

Quadeye Securities LLP

Software Developer • Gurgaon, Haryana   05/2020 - 07/2021

Strategy Error Dashboard

- Created a dashboard using Django and react which helps the strategy monitor to view and handle all the errors of running strategy from a single platform.
- Created an Error Management System which has reduced monitor's dependency on slack.
- Part of **ERT** (Emergency Response Team.)
- Created an approval system as a security check which allows traders to raise multi-level tickets to make changes in parent strategy.

Automation and Optimization of Recon Scripts

- Worked on a project in order to keep the track of daily selling and buying of stocks.
- Few of them are done manually and few of them were done using scripts.
- Working on Django, Python, and Bash to enhance the functionality of trading on the dashboard.
- Automating day-to-day tasks to increase business efficiency.
- Handling Reconciliation issues for multiple accounts.
- Optimized the already build scripts and automate the remaining regions for recon.

Achievements

- Before the dashboard on-duty monitor has to check multiple slack channels in order to check for errors due to which **3 out of 10 errors get unnoticed**. With the help of this dashboard, **frequency has been reduced to 1 out of 20.**
- Successfully Automated recon of 3 regions. Was able to **reduce the running time of pre-build scripts by 35 to 40%.**

Nineleaps Technology Solutions PVT LTD

Software Developer • Bangalore, Karnataka   01/2019 - 05/2020

Long Range Forecast

- On basis of some pre-provided business logic and the previous year's sales, we have to predict the sale of stores for the next 5 years.
- Coded in Python and Spark to predict future sales and corresponding store demand for a particular product according to given client logic.

Store Demand Forecast

- Worked on a continuation of the Long Range Forecast in which we have to predict the stock required for each item dynamically in each store according to previous sales and discounts data.

Achievements:
- Successfully **reduced running time** of store demand prediction **by 50%**
- We were able to predict the sale for the next 5 years successfully which was very close to the actual figures.
- Client was able to **save almost 10 to 15% of their cost** per annum via data calculated.

Projects

GeekTees

- Worked on a project in which E-commerce Site is developed for selling apparel related to Developers.
- Implemented Cart, Wishlist, Payments via RazorpayX, and Admin Page for inventory control features.

ContactSync

- Developed an automated tool where you have to share your admin email id and you can get a form link.
- Whoever fills out the form, information is saved in db, and Contact is created in your phone using google contacts automatically.
- So basically it avoids the hustle of creating new contacts on your phone.

Where's my Bus

- Bus tracking system that helps the user to check the estimated time of arrival at the nearest bus stop.

Education

Manipal University Jaipur

B.Tech: Computer Science And Engineering • Jaipur, Rajasthan   07/2019