ASHUTOSH AGARWAL

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EDUCATION

RV College of Engineering

Bengaluru, India

Information Science and Engineering; GPA: 8.04

June 2018 - August 2022

SKILLS SUMMARY

Backend: JavaScript, Python.
Frontend: HTML, CSS, JavaScript
Database: SQL, CockroachDB, Prisma
Miscellaneous: AWS S3, HubSpot (CRM)

• Soft Skills: Rapport Building, Strong Stakeholder management, People Management, Excellent communication

WORK EXPERIENCE

TECH & PRODUCT GROWTH | PLUSCASH

January 2024 - Present

- Led frontend development, designing a user-friendly interface tailored to diverse needs and ensuring a seamless application flow.
- Engineered a proprietary fund data system by integrating data from various Asset Management Companies (AMCs). Utilized SQL for data modeling, Prisma for ORM, and CockroachDB for scalable storage, ensuring accuracy and scalability.
- Implemented efficient data storage solutions, utilizing structured databases and APIs for optimized in-house data retrieval and analysis.
- Created data visualization tools using JavaScript libraries, providing actionable insights and enhancing user engagement with interactive charts and graphs.

DATA ANALYST | EXL SERVICES

August 2022 - May 2023

- Developed a program to automate extraction of insurance data from diverse brochure formats, replacing manual entry.
- Integrated advanced text recognition algorithms to accurately parse tables, paragraphs, and monetary values from varied document layouts.
- Utilized Pandas and NumPy for data validation, ensuring accurate and reliable extraction results.
- Achieved a 92% accuracy rate in data extraction, enhancing data reliability and reducing errors compared to manual entry.
- Collaborated with stakeholders to understand data requirements, iteratively refining the program for improved efficiency and accuracy.

PROJECTS

Handwritten Signature Verification using Siamese CNN

June 2021 - August 2021

- Developed a high-performing Siamese Convolutional Neural Network (CNN) for handwritten signature verification.
- Attained a notable accuracy of around 93% by leveraging a comprehensive dataset that included signatures from the internet and individuals within our college community.
- This project can significantly enhance security measures in critical domains, showcasing proficiency in machine learning and computer vision applications.

CERTIFICATES

Discrete Mathematics (IITG)

March 2021

- Mastered core concepts of Discrete Mathematics, including sets, relations, and combinatorics, to solve complex problems efficiently.
- Acquired proficiency in mathematical reasoning and logic, applying principles to analyze algorithms and optimize computational solutions.