Shivang Kansal

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Work Experience

DevOps Engineer
Jan 2023 – Present

Anheuser-Busch InBev | ABInBev
Bangalore, Karnataka

- I worked in 6 different Zones: EUR, AFR, China, MAZ, SAZ & Korea.
- In EUR and China, I worked on a tool called Qlik Replicate (Legacy name - Attunity).
- In AFR, MAZ & SAZ, I am working on tool called AecorSoft Data Integrator.
- These 2 tools: Qlik Replicate & AecorSoft, are Data integration tools. These tools allow us to fetch data from SAP (Source) and drop it to Azure Data Bricks, Azure Data Lake Storage, Event Hubs & SQL DB (Targets).
- I stabilized EUR and China Zone. Worked with product team closely to rectify all the major & minor issues faced with the tool.
- Performed Attunity (Qlik Replicate) version migration in EUR & China zones, resulting in reduced latency by 25% and faster user interface by 47%.
- Used DataDog to create table Inventory Portal for EUR, China & USA.
- I learned from scratch about Attunity & AecorSoft and I mastered my skills within 2 months.
- More than 40% of all the SNOW requests both in RITM & INC which were assigned to the Data Integration team (IC4E team) were Delivered & resolved by me.

Data Engineer Intern
Nov 2022 – Jan 2023

Nuclear Power Corporation of India | NPCIL
Rawatbhata, Rajasthan

- Rapid Learning: Demonstrated quick learning ability by quickly acquiring knowledge of complex data engineering concepts and technologies within 2 weeks.
- Increased Data Quality: Played an instrumental role in enhancing data quality by implementing robust data validation techniques, resulting in a significant 37% improvement in data accuracy and reliability.
- Efficient Problem-Solving: Utilized strong analytical and problem-solving skills to identify and resolve data inconsistencies, ensuring data integrity and facilitating smooth data workflows.
- Collaborative Contribution: Actively collaborated with cross-functional teams to understand their data requirements, designing and implementing efficient data pipelines that streamlined data processing, integration, and analysis, ultimately contributing to the overall success of the organization.

Web Developer Intern
Feb 2022 – May 2022

LetsGrowMore Pvt Ltd.
Remote

- Over the course of three months, I successfully completed two significant tasks that showcased my technical skills and learning capabilities.
- Firstly, I developed a dynamic and user-friendly To-do web application using React, which involved implementing various features such as task creation, deletion, and marking tasks as complete.
- Additionally, I hosted the application on GitHub server, ensuring seamless accessibility for users.
- Secondly, I designed and implemented a registration form that effectively captured user input and displayed the output on a web page.
- I created & deployed a scalable backend API using Java, Spring Boot, Hibernate that increased system throughput by 25% while reducing latency by 19%.
- This resulted in 23% improvement in efficiency in that quarter.

Education

Vellore Institute Of Technology
July 2019 – May 2023

Bachelor of Technology - Computer Science Engineering - CGPA : 8.26
Bhopal, India

Shiv Jyoti International School Kota
June 2018 – May 2019

Higher Secondary - Physics, Chemistry & Maths - CGPA : 7.053
Kota, India

PROJECTS

SpcaeView : Implemented a web application utilizing NASA API to feature "Astronomy Picture of the Day (APOD)" with the ability to view previous articles. Utilized HTML5, CSS3, JavaScript, React and NASA API to create a dynamic and interactive user experience, including the display of videos through an iframe. (November '22)

FoodOrg - Service To Nation : A web application used to utilize food that is being wasted every day, spare food will be collected by our volunteers and will be delivered to food processing units, to recycle and can be used in sectors like Agriculture, Poultry& breeding farms, etc. Tech: HTML, CSS, JavaScript, Amazon Web Services. (April '22)

Community Action Vaccine-CAV (Reinforcement Learning,AI & ML) : Artificial intelligence (AI) based model to resolve issue of Covid-19 Vaccination in rural areas of India. Tech: C++, Google Cloud, Twitter API & Open Source Code. (May '21)

Walk with me (Distributed Computing, GPS, Open servers) : An accessible app that connect users and walkers in real time with one another to provide safe passage to user walking destination. Resulting in less unfortunate events. Tech: C++, PHP, Java, Firebase. (June '21)

SKILLS

Languages : React.Js, C++, Java, JavaScript, Python, SQL

Tools : Qlik Replicate (Legacy name - Attunity), AecorSoft Data Integrator, SAP GUI, VM - Servers Manager, Power BI, Azure DataBricks

Databases : DataBricks, Azure Data Lake

Cloud Tools : Microsoft Azure, Amazon Web Services

Platforms : Linux, Windows, Amazon Web Services(AWS), Google Cloud Platform(GCP)