Aniket Kumar
Software Developer

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Senior Data Engineer experienced in working across the different stages of the data pipeline, including acquisition, integration, ODS and real time data marts. Adept in working quickly and efficiently in close collaboration with analytic, engineering and other stakeholders.

WORK EXPERIENCE

Senior Software Engineer
Wipro Technology

01/2021 - Present,

Achievements/Tasks

- Leveraged **Azure Data Factory (ADF)** to streamline the **O2C (Internal Wipro Process)**, optimizing data integration and movement for efficient order and it's processing. Implemented **data integration pipelines** in ADF to **extract critical data** from various internal modules, microservices and several **databases** and orchestrated **data flows** between these **modules** and **services**.

- Collaborated closely with business owners, stakeholders, and senior solution architects to gain a deep understanding of the business requirements. Utilizing cloud infrastructure and services, I successfully implemented data solutions that catered to these needs.

- My responsibilities included developing **ETL packages** and **SQL scripts** to facilitate the seamless **migration** of master and transactional data. Additionally, I played a key role in designing systems for **data reconciliation and integrity checks**, ensuring **data accuracy and reliability** throughout the process.

Software Engineer
Wipro Technology

06/2020 - 12/2020,   *Bangalore,India*

Achievements/Tasks

- Frontend development in **React**, managing two critical reporting applications for the European client. These applications handle stock and sales data, generating executive reports, etc. tailored for use within each country to reflect local business need. Deliver interactive user interfaces, seamless data flow with **backend APIs**, and **real-time updates** for executives to make data-driven decisions.

- Implemented data visualization using React charting libraries to present complex information intuitively. Maintained optimal frontend performance through **testing**, **debugging**, and **optimization techniques** like **code splitting** and **lazy loading**. Collaborated with backend developers, provided mentorship to junior developers, and maintained the codebase to the latest features.

Software Development Intern (Full Stack)
IIT Kanpur

01/2020 - 07/2020,

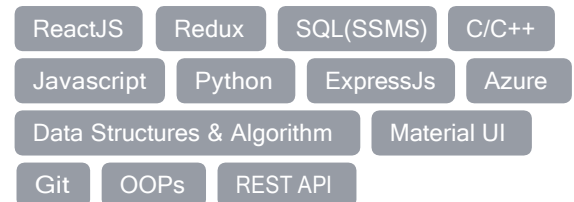*Achievements/Tasks*

- Backend in Python, Frontend in ReactJS

EDUCATION

B.Tech in Electrical & Electronics Engineering
Vellore Institute of Technology,Chennai

07/2016 - 07/2020,   *8.64 CGPA*

TECHINCAL SKILLS

ReactJS Redux SQL(SSMS) C/C++
Javascript Python ExpressJs Azure
Data Structures & Algorithm Material UI
Git OOPs REST API

PROJECTS

Shiksha Sopan(ReactJS, HTML5,CSS,Javascript)

- Worked on critical web application with Prof. HC Verma and team, where online examination were held for students enrolled in Shiksha Sopan. Designed and implemented a **responsive** user interface with **react components** to display exam question and manage user interactions. Implemented **state management** with **Redux**, ensuring efficient handling of **user responses** and maintaining exam **state** throughout test.

- Designed and structured the application routes using **React Router** to efficiently handle **page rendering** and **URL management**.

- Integrated **API** calls to **fetch student details, exam questions** from the **server**. Collaborated with backend developers to integrate the frontend with **backend API**, enabling **data storage** and retrieval for user exam result.

- https://naest.shiksha-sopan.org

Quantum Phase2(Azure, Databricks & SQL)

- Led end-to-end **design** and **implementation** of O2C process, data integration solution using **Azure services**, reducing data processing time by 40%.Created and maintained **ADF pipelines** for **ingesting data** from various sources, including **Azure Blob Storage** and on-premises **databases**.

Quantum Phase1(SQL)

- Generating data pipeline - end-to-end **data integration** and **transformation** process, for the L2O framework. Collaborating closely with data collection teams, **automation scripts** to capture and aggregate customer data effectively. **Preprocessed** and cleansed the data to ensure its quality and consistency, integrating the L2O process with **Microsoft Dynamics CRM** system, facilitating seamless data flow and efficient order creation. Enabling smooth and accurate data analysis for lead qualification and improved overall operational efficiency.

- Developed **SQL scripts** and **Stored Procedure** for **query automation** for the dummy order creation, this increased the volume and accuracy of queries by **64%**.Collaborated with finance and accounting team to ensure smooth order-to-cash(O2C) handover, improving cash flow management.

CERTIFICATION

Golang Certification
https://www.udemy.com/certificate/UC-7b117aaa-fc8a-41ef-8bf1-8df5aa6a2e00/

Web Design(Redux with ReactJS)
https://www.udemy.com/certificate/UC-037e4bc5-b6e0-4d4d-80bf-caa8a2edf279/

ACHIEVEMENTS & AWARDS

Automatic Vegetable Differentiator
Published in: 2017 IEEE International Conference on Power,
Control, Signals and Instrumentation Engineering (ICPCSI)

Make-a-thon challenge
Secured 1st rank in IOT make-a-thon challenge by Microsoft

Project Based Learning (PBL) Award
Secured Designed and developed working model "Vegetable
Differentiator" using Arduino uno.

Hulk Award- Wipro Technology
Recipient of the Hulk Award for demonstrating exceptional
perseverance and resilience in a high pressure work environment.