SANJAY SINGH CHAUHAN

Mobile: 9453453476

Email: sanjaychauhansingh20@gmail.com

LinkedIn: https://www.linkedin.com/in/sanjaychauhansingh20/

B-138, Shivpuri

Lucknow-226022

Professional Experience

Cloudera (Dec 2024- Present) [Staff Software Engineer]
- Building a high-performance storage engine to handle massive datasets for Trino.
- Leading the team to design and implement features for Hadoop and Trino to meet the demands of large-scale data analytics.

Microsoft (June 2020 – Dec 2024) [Software Engineer II]
- Spearheaded the charter of ensuring "Microsoft's commitment to EUDB Compliance" for whole Office Online by demonstrating commendable leadership skills along with effective communication by collaborating with 8 partner teams (WXPOV, WAC, OCS, RTC). Build whole new pipeline for EU end-to-end from registration of subscription, creation of clusters to migration of jobs without a single failure. Segregated EU data from RoW data within the tight timeline and helped in migrating related jobs.
- Live-Site First: Handling of Live-site monitors, compliance and P0/1 issues with topmost priority.
- Building distributed platform enabling office online to run and serve at internet scale.
- Managing the whole telemetry pipeline for all Office Online Apps *[100+ DCs, 65K+ machines, 80+ PBs/day]*.

Expedia (April 2019 – Feb 2020) [Software Development Engineer]
- Owned Payment Search, responsible for making payment transaction history searchable.
- Contributed to DCS which provide programmatic assurances that payment financial data is being delivered reliably.
- Worked on permanent storage data service for all Payment Transaction data for GCP.

Paytm (January 2018 – April 2019) [Software Engineer]
- Owned Payment Search, responsible for making payment transaction history searchable.
- Responsible for server-side development in Node.js, contributed to Bill Reminder, Plan-Validity Services and MNP Services.
- Worked on User-DIY and Analytics Cron jobs.
- Hands-on experience working on Redis for caching and MySQL, ES for data storage, RabbitMQ for the Pub-Sub utility for messages.

Adobe Systems (August 2016 – January 2018) [Software Engineer]
- Worked on Adobe Genuine Services software developed to detect and notify customers using pirated copies of Adobe Software products. Using REST APIs to analyze the licenses of products, machine state and sending them to server.
- To develop, test and execute scripts for extracting required data from Cassandra database.
- Comparing the data of the machines to detect the machine state changes and targeting the machine.

Skills & Tools

- AWS, Azure Services, Redis, MySQL, Cassandra, Elasticsearch, HBase, DynamoDB
- Kinesis, RabbitMQ, Kafka, Azur Event Hubs
- Programming Languages: C#, Java, JavaScript, C++, Java, Python

Academic Qualification

QUALIFICATION	BOARD/UNIVERSITY	YEAR OF COMPLETION	PERCENTAGE
Class X	CBSE	April 2008- May 2009	87.2%
Class XII	CBSE	April 2010- May 2011	92.6%
B. Tech	UTU	Aug 2012 – June 2016	73.8 %
PG Diploma in Cyber Law & Cyber Forensics	NLSIU	Aug 2024- Aug 2025	Ongoing