NILESH S. KHATRI

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EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
Master's Msc (IT)	Dhirubhai Ambani Institute of Information and Communication Technology (DA-IICT), Gandhinagar, Gujarat	2017 – 2019	6.83
Bachelor's	Som-Lalit College of Commerce, SLIMS Campus, Opp. St.Xaviers College, University Road, Navrangpura,Ahmedabad, Gujarat	2014 – 2017	69.30
HSC (10+2)	Best High School,Ahmedabad, Gujarat	2012 – 2014	68.00%
SSC	Best High School,Ahmedabad, Gujarat	2011 – 2012	74.80%

SKILLS

Expertise Area/Area(s) of Interest	Data Engineering, Big Data, ETL Pipelines, Problem Solving.
Programming Language(s)	Python, Java, C programming, PySpark.
Tools and Technologies	Matillion, Kubernetes, Docker, DBT ,Apache AirFlow, Debezium[CDC],Apache Kafka ,Amazon S3, SQS ,Amazon Redshift, Redshift Spectrum, Athena, Spark, and others Data warehouse, ETL, PyCharm, Machine Learning, Jupyter Notebook.
Databases	Snowflake, Amazon Redshift [Columnar], NoSQL[MongoDB], RDBMS[MySQL, Postgres], RDS.

INTERNSHIP EXPERIENCES

DA-IICT
(Gandhinagar, Gujarat)

Smart Street   (May 2018 - June 2018)
Guide : Prof. Amit Mankodi

Intelligent Street is basically based on Sensor Networking which includes
Automatic Street Light for saving Electricity Consumption during night times,
Speed Detection for detecting Over speeding Vehicles, Partial Image Detection
for Detecting Over speeding Vehicles.
(**Link**: https://youtu.be/oi-PZcwf5Os)

Vedantu Innovations Pvt
Ltd. (Bangalore)

Data Science Intern   (Jan 2019 - Sep 2019)
Guide: Mr. Pranav Mallar

Developed a Predictive chat model to identify technical issues encountered
during Live Online classes.
(**Link** : http://bit.ly/31v4gfS)

PROFESSIONAL EXPERIENCE

Vedantu Innovations Pvt
Ltd. (Bangalore)

Data Engineer   (Oct 2019 - Nov 2022)

I am an experienced Data Engineer with strong engineering skills in ETL
Development, Matillion ETL, Apache Kafka, Apache Spark, Python, Databases,
Amazon Redshift, S3, Redshift Spectrum, Docker, Kubernetes, CDC[Debezium],
DBT, AirFlow, and many more. I have experience in building an ETL Jobs using
python. I enjoy challenges which come into the work I do. My experience in
Unicorn startup makes me wear multiple hats in the organization.

GoBankingRates
(Remote)

Data Engineer   (Nov 2022 – June 2023)

As a Data Engineer I used to work on Data Quality, Alerting systems, Data
Enhancements, Data Ingest stories where we had 2 major ingests, API Ingest and
Flat file [Email] ingest where we would receive daily reports on Email and further
we used to push both the reports to S3 and develop data pipeline to push data to
downstream tables and Views. I also worked on a lot more automation solution-
based architecture which impacted in decreasing manual interventions of the
engineers.

Roles & Responsibilities

- ❖ Design, develop, optimize, and maintain data architecture and pipelines that adhere to ETL principles and business goals.
- ❖ Ability to manage and organize data using self hand-crafted platforms.
- ❖ Experience in databases, analytics, big data systems or business intelligence products and technologies like Debezium [CDC], Apache Kafka, Amazon S3, Amazon Redshift, Redshift Spectrum, Athena, Spark, and other Data warehouse, ETL etc.
- ❖ Ingesting data from files, streams, databases and other multiple sources to a centralized Data Warehouse.
- ❖ Developing internal and External [third party] Data Ingestion Pipelines End to End single handedly.
- ❖ Delivering asked transformations as per the use-case from multiple sources to a centralized data warehouse.
- ❖ Responsible for handling and developing data modeling Projects for concerned stakeholders.
- ❖ Able to take ownership for end-to-end data platform applications for maintenance, fixes and optimizations.
- ❖ Responsible for setting up required alerts in place for the developed Applications for delivering efficient, effective and accurate data Ingestion platform.
- ❖ Assisting the Analytics team and other stakeholders to optimize SQL/Python/Business Critical Scripts by using best practices in-place.
- ❖ Actively learn and adopt the new technology and tools defined by the team.
- ❖ Responsible for Design and implement new features, and bug fixes to improve and extend the system efficiently to reduce the tech debt.
- ❖ Proactively support other team members, stakeholders and help them achieve required use-case and getting way out of any blockers.
- ❖ Experience Working on Data Governance project which includes Data Modeling, Data Massaging/cleansing, data warehousing related techniques using tools and technologies like DBT, AirFlow and DataFold etc.

Interests and Hobbies

- ● Enthusiast to take ownership for any new technologies and challenges.
- ● Spirituality.