

Blessy Chinthapalli

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SKILLS

Data Modelling & Data Visualisation, Statistics, ETL/ELT Development, Ad Hoc Data Analysis, Cloud Computing, Machine Learning
Programming: SQL, Python, R, Scala, Matlab, BigQuery, Hadoop, Hive **Databases:** PostgreSQL, Oracle, SAP, MongoDB, Salesforce
Cloud Platforms: Azure, Databricks, Spark, Airflow, DBT, GCP, AWS, GIT **BI Tools:** Tableau, Power BI, Ggplot, Looker, DevOps, Jira
Certifications: Google Data Analytics Professional * Tableau Desktop Specialist * Associate Certified Analytics Professional (INFORMS - aCAP) * Databricks Certified Data Engineer * Microsoft Azure Fundamentals (AZ900) statistical, machine learning, or optimization models

EDUCATION

University of California, Davis **San Francisco, CA**
Master of Science, Business Analytics 06/2024
Awards: UC Davis Dean's Scholarship and MSBA Fellowship
Shiv Nadar University **Delhi NCR, IND**
Bachelor of Engineering, Electronics & Communication Engineering 06/2021

PROFESSIONAL EXPERIENCE

ExPrep **Charlotte, NC, Remote**
Lead Data Scientist 09/2023 – 06/2024

- **Built out the predictive models** from the ground up leveraging machine learning concepts like **Scikit-Learn, Tensorflow, Pytorch to build real-time insights**, analyzing trends from complex data into the product, marketing and business KPIs
- Developed dashboards to monitor student metrics, improving client turnover by 20% and analytics time by 50%
- **Conducted A/B testing and experimental design** for product outreach to build forecasting trends and growth for the ExPrep market, thereby optimizing strategic initiatives and communicating to non-technical teams

Hewlett Packard (HP Inc) **Bengaluru, IND**
IT Data Engineer II, Analytics and Data Science Solutions 10/2022 – 07/2023
Collaborated with Data Org. and BI teams to transform PAN - HP customer service data & Migration projects using Agile Methodology

- **Optimized data acquisition ETL/ELT pipelines for diverse data formats** (streaming, transactional, semi-structured) into Data lake(ADLS) from 15+ sources, resulting in a 99.8% uptime & a 45% reduction in job execution times for multiple projects.
- **Employed Unity Catalog in Databricks** to enhance data governance and eliminated 80% of manual checks for production deployment, and **decreased SLA breaches** for stakeholder reporting by 15%
- **Led end-to-end migration of on-prem** to cloud technologies, providing operational support for 10+ cross-functional teams
- **Managed full SDLC**, developed use cases, code reviews, **testing(UAT), version control and production support** using Agile Scrum, while training and mentoring team members, vendors facilitating data distribution and user documentation

Data Engineer I, Business Intelligence and Operations 02/2021 – 10/2022
Subject Matter Expert, establishing data quality standards for Data scientists & ML Engineers for analytical and operational purposes

- **Achieved \$1.2M cost savings by optimizing data ingestion** and implemented data pipelines for large datasets and distributed computing frameworks, improving data integrity by 30% ensuring data accuracy and consistency.
- **Extrapolated, manipulated and analyzed data efficiently** managing metadata, data architecture, transformation, lineage, high level trends, anomalies, handled PII data, streamlining process and insights across **Medallion Architecture environments**
- **Built Reconciliation Dashboards** for tracking data flow, troubleshooting, enhancing data accuracy & monitoring capabilities.

Vera Lifecare **Visakhapatnam, IND**
Data Analyst 05/2019 – 08/2020

- **Healthcare Data Analysis: Conducted EDA**, unveiling sales patterns that boosted inventory turnover by 15% and reducing stockout occurrences by 20% through sales loss forecasts, enhancing inventory management practices.

PROJECTS

- Nike [Predictive Analytics and Pattern Recognition](#): Web Scrapped and designed small scale end to end data model, performed data cleaning, data wrangling, data mining, feature engineering for data storytelling.
- [Data Science Projects](#) such as time series forecasting, classification, regression, clustering, NLP, Text Modelling