7. Technology Landscape 🛠️ Cheat Sheet

CloudEmployee

7.1 Data Engineering

✓ Data Processing & Big Data

- Apache Spark
- Apache Hadoop
- Apache Kafka
- Apache Flink
- Databricks

✓ Orchestration

- Apache Airflow
- Prefect
- Dagster
- Luigi
- AWS Step Functions

✓ Data Warehousing

- Snowflake
- Google BigQuery
- Amazon Redshift
- Databricks
- Azure Synapse

✓ Data Transformation

- dbt (data build tool)
- Apache Spark
- Pandas
- SQL
- Informatica

✓ Data Quality & Monitoring

- Great Expectations
- Deequ
- Monte Carlo
- Datadog
- Bigeye

✓ Cloud Data Services

- AWS (S3, Glue, EMR, Athena)
- GCP (GCS, Dataflow, BigQuery)
- Azure (Blob Storage, Data Factory, Synapse)

7.2 AI Engineering

✓ ML Frameworks

- TensorFlow
- PyTorch
- scikit-learn
- XGBoost
- Keras

✓ MLOps Platforms

- MLflow
- Kubeflow
- SageMaker
- Vertex AI
- Azure ML

✓ Model Serving

- TensorFlow Serving
- Seldon Core
- BentoML
- Cortex
- Triton

✓ Feature Stores

- Feast
- Tecton
- Hopsworks
- SageMaker Feature Store
- Vertex AI Feature Store

✓ Experiment Tracking

- MLflow
- Weights & Biases
- Neptune
- Comet
- TensorBoard

✓ Model Monitoring

- Evidently AI
- Arize
- WhyLabs
- Fiddler
- Gantry

7.3 Automation Engineering

✓ RPA Platforms

- UiPath
- Automation Anywhere
- Blue Prism
- Microsoft Power Automate
- Workato

✓ Process Mining

- Celonis
- UiPath Process Mining
- ABBYY Timeline
- Minit
- QPR ProcessAnalyzer

✓ iBPMS

- Pega
- Appian
- IBM BPM
- Camunda
- Bizagi

✓ Testing Automation

- Selenium
- Cypress
- Playwright
- TestComplete
- Ranorex

✓ API Automation

- Postman
- MuleSoft
- Boomi
- Zapier
- n8n

7.4 No-Code/Low-Code

✓ Application Development

- Bubble
- OutSystems
- Mendix
- Microsoft Power Apps
- Appian

✓ Website Development

- Webflow
- Framer
- Shopify
- WordPress + Elementor
- Squarespace

✓ Mobile Apps

- Adalo
- Glide
- AppSheet
- FlutterFlow
- Bravo Studio

✓ Workflow Automation

- Zapier
- Make (Integromat)
- Power Automate
- n8n
- Tray.io

✓ Database Solutions

- Airtable
- Notion
- Coda
- Baserow
- NocoDB

✓ Internal Tools

- Retool
- Appsmith
- Budibase
- Internal.io
- Tooljet