

# Phil Salazar

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## WORK EXPERIENCE

### Grupago (Fintech)

09/2024 - Present

#### Machine Learning Consultant

- Set up ML pipeline and developed model for credit scorecard default risk for informal entrepreneurs in Mexico.
- Advise and implement deep learning techniques to extract predictive features from unstructured data including images and phone calls using Keras, Tensorflow, and Python.

### Indigov (Govtech)

01/2022 - 08/2022

#### Data Engineer

- Developed and optimized shell scripts to automate and accelerate client onboarding tasks by 25%.
- Improved ETL pipelines using Python to integrate data from external vendor, ensuring high data quality and seamless data flow.
- Managed efficient execution of data pipelines and provisioning cloud resources using Prefect and Terraform.

### GoodLeap (Fintech)

11/2019 - 11/2021

#### Data Engineer

- Designed and implemented streaming pipelines for data ingestion using AWS Kinesis.
- Developed scalable ETL and analytics pipelines in Python and automated them in Airflow.
- Leveraged Spark on Databricks to process and analyze terabytes of data, optimizing financial data calculations in SQL, creating core KPIs for business intelligence stakeholders, including C-suite and investors.
- Served as lead of Agile team developing internal, proprietary BI dashboards using React.

### Amazon

06/2017 - 09/2018

#### Retail Vendor Manager

- Analyzed retail data with SQL to grow \$20M strategic vendor portfolio by 23% year over year.

## EDUCATION

### Master of Public Administration in International Economics

Harvard University

08/2022 - 05/2024

### Bachelor of Science in Engineering

Stanford University

08/2012 - 06/2016

## PROJECTS

### Prescribe.ai

Developed app to support accurate medication prescriptions for under-resourced medical professionals in Latin America. Managed Docker container virtual environments, deployed to

Google Cloud Run, trained LLM using Hugging Face and Weights & Biases, and built frontend in React.

### **Predicting Disease Burden in Brazil**

Developed machine learning model in R to predict municipalities with highest disease burden to prioritize investment in health infrastructure.

## **VOLUNTEERING & LEADERSHIP**

### **MIT Office of Engineering Outreach Programs**

03/2021 – Present

I review program applications and mentor students on communication and interviewing skills.

### **Humanity Forward**

05/2021 – 12/2021

Software Development Lead

Manage team of 10 engineers, UX designers, and data entry volunteers to create an interactive application developed in React that features a map displaying a collection of various economic initiatives to alleviate poverty throughout the United States.

## **SKILLS**

**Cloud Platforms & Infrastructure :** AWS, Databricks, Docker, GCP, Terraform

**Machine Learning:** Deep Learning, Keras, Tensorflow

**Programming:** Git, NumPy, Pandas, Python, R, React, scikit-learn, Spark, SQL, Unix