



Girish Gupta

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Co-Founder and Head of Engineering, Tellen

July 2023 –

- Engineered a robust, full-stack AI application, including a comprehensive CI/CD pipeline, well-structured relational database, rigorous testing, and an efficient, secure cloud architecture. Connected to private Azure OpenAI and Document Intelligence endpoints. Obtaining SOC-2 compliance. (Azure, Flask, React)
- Worked with co-founders in funding, product and business development, and partnering with customers.

Founding Full-Stack Software Engineer, Subcity

November 2021 – May 2023

- First hire at a VC-backed startup helping businesses manage incentives and cash flows.
- Conceived, built, and demonstrated products to customers.
- Integrated with Codat, Plaid, Gusto, QB Time... Built ETL pipelines. (Rails, React, PostgreSQL, AWS.)

Author, Always Go

March 2021 – October 2021

- Memoir about my time as an international journalist. I dig into my motivations, successes, and failures; expand on my reporting; and take a critical look at the journalism industry. Hoping to publish in 2024.

Chief Technology Officer, Deepnews

April 2020 – March 2021

- Trained and deployed recurrent, convolutional, and transformer-based neural networks for NLP tasks.
- Built software to parse, score, and query hundreds of thousands of articles per day, a website to show scoring, and an API. (GCP, Python, Tensorflow, PyTorch, PHP, MySQL)

Head of Data Science, IDFC Institute

May 2019 – May 2020

- Created a data science unit at the Rockefeller-, Gates-, and Ford-funded public policy non-profit.
- Conducted and published research, built platforms, created interactives, and advised government on urban mobility, open-source mapping (GIS), privacy/data governance, and COVID-19.

Founder/Chief Executive Officer, Data Drum, Inc.

May 2018 – April 2020

- Startup providing automated, elegant economic data, in order to make public data more accessible.
- Led developers, economists and regional experts. Met with potential customers and investors.
- Built ETL pipeline (MySQL, PHP, Python) and website. Managed mobile apps (React Native), API (Node.js/Express.js), and Google Sheets and Microsoft Excel add-ins (JavaScript).

Senior Correspondent, Reuters

June 2015 – May 2018

- Produced major investigations, including showing that the results of a national Venezuelan election were fabricated; secrets about the country's military, including surface-to-air missile inventories and lists of soldiers arrested for treason and rebellion; that the country's Chief Justice was arrested on suspicion of murder; and multi-billion dollar corruption at Venezuela's state oil company.
- Produced text, photos and TV on Venezuela's hyperinflation, social decay, food riots and protests.
- Based in Venezuela; reported also in Iraq, Afghanistan, the United States, Colombia, and Ecuador.
- Wrote software to automate story-writing, data-gathering, and admin, as well as used OSINT techniques.
- Coordinated on-the-ground and digital security in an extremely hostile environment.

Creator, Venezuela Econ (absorbed into Data Drum, Inc.)

December 2014 – April 2018

- Created the go-to data platform on one of the world's most opaque countries.
- Wrote iOS/WatchOS (Swift), Android (Java), and web apps (PHP/MySQL), as well as an API (PHP).

Freelance foreign correspondent, *Reuters, New Yorker, New York Times, TIME, Financial Times, NPR, BBC...*

October 2010 – May 2015

- Produced text, photos, video and radio in Venezuela, as well as [Brazil](#), Colombia, [Cuba](#), Ecuador, Egypt, [Guyana](#), [Jordan](#), Lebanon, Peru, and [Mexico](#), for some 50 news outlets.
- Covered the cancer, election and [death](#) of Venezuela's Hugo Chávez, the messy transition to Nicolás Maduro's rule and the crisis that followed, including daily [violent unrest](#).
- Investigated [diamond smuggling](#) from [illegal jungle mines](#) in the Amazon, a Colombian paramilitary massacre, and the killing of wildcat gold miners there.

Physics (Master's) at University of Manchester

September 2006 – June 2010

- Abstract to Master's thesis—an atrial fibrillation simulation—[published](#) in *Proceedings of The Physiological Society*. Bachelor's thesis on negative index of refraction. Essay on the physics of music.

Natural Sciences: Math, Physics, Chemistry, Geology at *King's College, Cambridge University*

September 2005 – June 2006

Courses:

Computer Science and Machine Learning

[Cybersecurity Analyst Professional Certificate](#) 2024 *Microsoft*

[AI Engineering Specialization](#) 2024 *Scrimba*

[Generative AI with Large Language Models](#) 2023 *deeplearning.ai*

[Introduction to Computer Science](#) 2020 *Harvard*

[Deep Learning Specialization](#) 2020 *deeplearning.ai*

Physics and Math

Mathematics for Machine Learning 2024 *Imperial*

The Relativistic Universe: General Relativity and Cosmology 2022-3 *Open University*

Hostile Environment Training and First Aid

Hostile Environment Training 2015, 2017 *Reuters*

Surviving Hostile Regions 2012 *AKE/Rory Peck*

Military Training Qualification 1 2007 *Officers' Training Corp/British Army*

Miscellaneous

[Foundational Open Source Investigations](#) 2023 *UC Berkeley Human Rights Center/IICI*

[Introduction to Developmental Psychology](#) 2022 *University of Queensland*

[Fundamentals of Music Theory](#) 2022 *University of Edinburgh*

[Founder, First 50 and Writer fellowships](#) 2020-1 *On Deck*

On the side:

[Big Brother Volunteer](#) 2023- Mentor an eight-year-old boy in San Francisco.

[Freelance Photographer](#) 2023 Photograph events, portraits, etc., in and around San Francisco.

[Paradise Lost](#) 2023-4 Art book featuring photography from Venezuela.

[Math for Journalists](#) 2021 iOS app to help journalists with math.

[According to Documents](#) 2020-1 Highlight document-based investigative reporting.

[Readwise2Roam](#) 2020 Convert *Readwise* book and article highlights to *Roam* notes.

[GlobalOTP](#) 2019- Forward text messages to email.

[Journalism Mentor](#) 2013- Mentor young foreign correspondents, primarily in hostile environments.

[Music Goes On](#) 2000-1 Music website listed by *MTV* as one of the web's top 20 sources.

Languages:

English, Spanish, Hindi/Urdu, basic French and basic Arabic.