

Aniket Panjwani, PhD

Full-Stack AI/ML Engineer · Agentic Coding Educator · PhD Economist

✉ aniket.panjwani@gmail.com 📞 +1 (630) 379-7029 🌐 aniketpanjwani.com 📄 linkedin.com/in/aniket-a-panjwani
📄 github.com/aniketpanjwani 📺 youtube.com/@aniketapanjwani

ABOUT

Economics PhD (**Northwestern**) and **Full-Stack ML Engineer**. I ship complete products end-to-end - frontend, backend, infrastructure, and models - with agentic coding tools like **Codex** and **Claude Code**. Through **AI Economist**, I teach agentic coding to economists and developers, with an audience of **7,900+** on YouTube and **1,800+** in my Skool community, **The AI MBA**. My work bringing AI into the economics profession earned an **Emergent Ventures grant** from the Mercatus Center in December 2025.

EXPERIENCE

Director of AI/ML

Dec 2025 - May 2026

Payslice

Remote

- Shipped automated underwriting platform end-to-end (Python + FastAPI) with Plaid Auth/Identity/Transactions integration, KMS-encrypted token storage, and audited decision logging; processed **10,000+ underwriting decisions** at sub-second latency.
- Built customer + admin Next.js applications driving **9,600+ users onboarded** and **870+ active paid subscribers**, spanning onboarding, eligibility, repayment, and internal ops flows.
- Provisioned the entire AWS footprint with Terraform (**13 reusable modules**): VPC, ECS Fargate, EC2, ALB, IAM, KMS, Secrets Manager, RDS Postgres, S3, CloudWatch, and Tailscale-gated access to private services.
- Stood up MotherDuck analytics warehouse + a **15-table Convex BI dashboard** tracking daily approval, funding, and repayment cohorts; every underwriting decision materialized with model version + latency telemetry for audit and compliance.
- Authored shared Claude Code skills used by engineers and non-technical operators alike, compounding team velocity across PR review, design evidence capture, and ops runbooks.

Senior MLOps Engineer

Oct 2024 - Oct 2025

Early Warning Services (Zelle)

Remote

- Architected an automated model monitoring framework giving day-zero feature drift coverage for 7 fraud detection models serving hundreds of financial institutions, cutting onboarding time for new models from weeks to hours.
- Built a Spark/Scala application profiling table growth and partitioning across the cluster; orchestrated runs in Universal Controller and surfaced results in Tableau, eliminating recurring cluster capacity incidents.

Senior Data Scientist, Platform Team

Oct 2019 - Oct 2024

Early Warning Services (Zelle)

Chicago, IL / Remote

- Authored a Spark/Scala feature library of 157 standardized features, eliminating duplication and reducing code-related errors by 75% year over year.
- Led a Python rules-based pipeline that automatically catches 60% of post-ingest data quality issues across 18 sources and 125 financial institutions.

TEACHING & SPEAKING

AI Economist

2025 - 2026

aieconomist.io - Invited courses & faculty sessions

- Delivered invited courses on Claude Code and agentic research workflows at **Deutsche Bundesbank**, **Université catholique de Louvain**, and the **University of Calgary**.
- One-on-one working sessions with faculty at **Harvard**, **MIT**, and **Stanford** on integrating AI tooling into their research pipelines.

YouTube - @aniketapanjwani

2025 - present

Tutorials & interviews on agentic coding

- Grew the channel to **7,900+ subscribers** with tutorials on Claude Code, live agentic-coding demos, and interviews with economics researchers about how AI is reshaping their work.

The AI MBA

2025 - present

Founder & instructor of paid course platform

- Built and run a courses platform with a **1,800+ member Skool community**, teaching Claude Code and agentic tooling to economists and business builders.
- Engineered the full stack: Next.js + Convex backend, Better Auth, Stripe (one-time purchases), Mux signed playback, Cloudflare proxy, and a custom admin CLI.

SELECTED PROJECTS & VENTURES

EconNow

2025 - present

econ.now - Real-time data platform for the economics profession

- Tracking **1,300+ candidates** from **800+ institutions** across the academic job market, conferences, and research output.
- Awarded an **Emergent Ventures Grant** (Mercatus Center, December 2025) by Tyler Cowen for this work ([announcement](#)).

Content Quant

2025 - present

contentquant.io - AI consulting for small businesses

- Founder of an AI consulting practice delivering voice AI, SMS agents, and lead-generation automation. Built on a Next.js / Payload CMS frontend with a Dagster + MongoDB backend.

PUBLICATIONS

Subscription Revenue and Advertising Strategies on YouTube (with Heyu Xiong) - *Information Economics & Policy*
2026

The Causes and Consequences of Medical Crowdfunding (with Heyu Xiong) - *Journal of Economic Behavior and Organization*
2023

EDUCATION

PhD, Economics - Northwestern University 2023

MA, Economics - Northwestern University 2015

BS, Mathematics - George Mason University 2013

SKILLS

Languages

Python, TypeScript, Scala, R, SQL, Bash

Frontend

Next.js, React, Astro, Tailwind CSS

Backend & Data

FastAPI, Convex, Postgres, MongoDB, Spark, Hive, MotherDuck

Infra & MLOps

AWS, Terraform, Docker, MLflow, Dagster

AI & ML

Claude Code, Codex, LLM agents, scikit-learn, Plaid

LANGUAGES

English (Native) · Spanish (Fluent) · Hindi (Conversational) · Russian (Conversational)