JOSEPH ZAMPITELLA

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Full-Stack Engineer & Technical Product Leader

Full-stack software engineer and technical product leader with 4+ years of experience building data platforms, cloud infrastructure, and client-facing applications from zero-to-one. Expertise spans Python, TypeScript/React/Next.js, AWS serverless architecture, and data transformation at scale. Proven track record of translating business needs into production systems serving hundreds of enterprise clients. Evening/Weekend MBA student at University of Chicago – Booth School of Business. Seeking a high-growth engineering or technical product role in New York City.

EXPERIENCE

Veris Insights — 2021 – Present

Veris Insights is a B2B market research consultancy dedicated to serving Fortune 1000 people leaders as they attract, engage, and retain top talent.

Full Stack Engineer — 2024 – Present

Stack: *Python · TypeScript/React/Next.js · FastAPI · AWS (Lambda, S3, Step Functions, AppRunner, EventBridge, Amplify, API Gateway, EC2, ECS/ECR, RDS) · MongoDB · Auth0 · Clerk · GitHub Actions CI/CD*

- **Architected and delivered three zero-to-one client-facing survey data platforms** serving 250+ enterprise clients (~$25K average ACV), integrating MongoDB, FastAPI, AWS App Runner/ECS, and React/TypeScript. Owned product strategy and execution from stakeholder discovery and specification development through UX iteration and deployment, enabling clients to independently explore complex longitudinal datasets with deep cross-filtering and reducing reliance on the data inquiries team.
- **Designed and shipped web-based planning and optimization tools** for intern program modeling and recruiter workload allocation in Next.js, leveraging complex state management and robust edge-case handling. Developed Python/FastAPI services powering one-click PowerPoint generation, eliminating recurring manual workflows for account teams.
- **Built a self-service research publishing platform** in React that reduced turnaround times from weeks to minutes. Enabled non-technical researchers to upload raw files while automated pipelines transformed, validated, and published data to client-facing portals with one-click Excel export.
- **Served as technical DRI for data delivery across 50+ enterprise accounts** (including accounts exceeding $100K ACV). Built Python-based AWS Lambda functions to support consistent and accurate data cleaning and transformation, orchestrated with Step Functions.
- **Co-led the implementation of an LLM-powered internal product** processing thousands of calls recorded in Gong. Built PyPI-compliant backend packages to unify Gong and Planhat data; automated scheduled runs with AWS EventBridge.
- **Built a geospatial contact routing platform** combining Haversine distance calculations, LLM-based correction of data entry errors, Google Maps enrichment, Salesforce APIs, and Slack webhooks. Mapped 70K+ Salesforce contacts to regional hubs by distance, automatically assigning hundreds of new contacts monthly and pushing updates via Slack webhooks to support revenue-critical event operations.
- **Served on the Veris AI Innovation Committee**, identifying opportunities, prototyping, and advocating for AI adoption across the organization.

Project Manager – Data & Engineering — 2022 – 2024

Stack: *AWS (Lambda, API Gateway) · MongoDB · Python · R · GitHub Actions CI/CD · Snowflake · Box/Slack Webhooks*

- **Co-founded Veris' Data & Engineering function with the COO**, driving the firm's transformation into a tech-enabled research organization through headcount growth from ~45 to ~75 employees.
- **Championed adoption of AWS across the organization**, securing buy-in from non-technical leadership and building automated data pipelines in Lambda that saved hundreds of staff hours per month across three research divisions.

- **Architected an event-driven AWS pipeline for on-demand survey processing**, cleaning, transforming, and aggregating data while reducing analysis time from hours to minutes. Optimized infrastructure costs through serverless, just-in-time execution, maintaining cloud spend below $200/month.
- **Introduced and scaled GitHub adoption organization-wide**, leading change management across technical and non-technical teams and establishing version control standards now supporting 150+ active repositories.
- Managed an external contractor to deliver a firm-wide OLAP-style warehouse in Snowflake, providing a resilient backup and structured access layer for Qualtrics survey data.
- Led company-wide rollout of rebranded presentation materials and deliverables, ensuring the client experience was elevated through the 2022 transition from Ivy Research Council to Veris Insights.

Senior Research Associate — 2021 – 2022

- **Built R-based dashboards and automated slide decks** in DisplayR, reducing production of ~50 client-specific slide decks from weeks to days. Introduced R-based automation to the firm.
- Created and delivered internal trainings in R/DisplayR, intro to Python, and applied statistics, elevating technical skill levels across the research team.

Ross & Company — 2018 – 2020

Ross & Company is a boutique management consulting and executive search firm focused on PE-backed healthcare IT and healthcare services clients.

- **Managed a team of interns and analysts in the Boston office.** Supported end-to-end executive search for C-suite, SVP, and Operating Partner roles (market research, outreach, execution) across the healthcare IT and healthcare services spaces. Progressed from intern (2018) to full-time Analyst (2019), to Senior Associate (2020) roles in under three years.

Vertex Pharmaceuticals (NASDAQ: VRTX) — 2017 – 2018

Vertex Pharmaceuticals is a global biotechnology company focused on developing transformative medicines for individuals with genetic and life-threatening diseases.

- Analyzed large and complex datasets, including badge swipe, space utilization, and commuter pattern data, to optimize a 1M sq. ft. real estate footprint. Co-launched the 1213 Knowledge Exchange with my direct supervisor, an internal leadership development forum for Senior (level 12) and Executive (level 13) Directors.
- Progressed from a Co-Op role (2017) to a full-time Analyst role (2018), while concurrently completing my undergraduate degree.

EDUCATION

University of Chicago – Booth School of Business — 2025 – Present

- Evening/Weekend Part-time MBA (in progress). Merit scholar.
- Serving as a Teaching Assistant for Cost Accounting (Summer 2026) and Applied Regression Analysis (upcoming – Fall 2026).
- Focusing coursework on statistics, computer science, finance, and law.

Suffolk University — 2019

- Graduated with a BSBA in Big Data & Business Analytics. Recipient of the Transfer Excellence Award, Massachusetts University Success Grant, and Trustee Achievement Grant.

DEMONSTRATED TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, SQL, R, YAML, Zsh, Ruby/Rails (RCAV Framework)

Cloud/DevOps: AWS (Lambda, S3, EC2, API Gateway, AppRunner, EventBridge, ECR/ECS, RDS), Amplify, Nginx, GitHub Actions, GitHub CI/CD, Docker, Anaconda, Linux/Unix systems

Backend: FastAPI, SQLAlchemy

Frontend: React, Next.js, Vite, Recharts, MaterialUI, Dash, shadcn

Data/DB: PostgreSQL/RDS, MongoDB, Snowflake, pandas, pgAdmin

Auth / APIs: Auth0, Clerk, REST APIs, Box / Google Drive / Salesforce / Gong / Planhat integrations