

Vin Anand

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EXPERIENCE

Capital One Ventures

New York, NY

Investor, Enterprise and Data

May 2025 - Present

- Evaluating AI and data startups across post-training RL, inference infrastructure, synthetic data, and enterprise data tooling.
- Conducting technical diligence with startups, assessing model quality, data flywheel dynamics, and enterprise adoption readiness.
- Brokered internal vendor pilots with Capital One product and engineering teams: Alternative Data (*Minerva, Windfall*), Tabular AI (*Fundamental, Kumo*), and Browser Use (*Parallel, TinyFish*), bridging startup capabilities to enterprise adoption paths.

Capital One

New York, NY

Senior Product Manager, AI/ML

Aug 2022 - May 2025

- Owned roadmap for feature engineering and inference infrastructure serving customer marketing and fraud detection models at scale; reduced model time-to-market by 50% and feature products contributed to +15% QoQ customer growth in consumer cards.
- Led 0-to-1 development of a low-latency feature store on DynamoDB — authored product specs, partnered with engineering on architecture decisions, and drove adoption across 5+ model teams, improving batch serving efficiency and cutting compute costs.
- **Patent:** Anand, Govind. 2023. *Training Machine Learning Models Based on Feature Validity*. U.S. Patent 18/317,898 filed May 15, 2023. [\[link\]](#)

Product Manager, Retail Bank

Aug 2021 - Jun 2022

- Owned the identity verification flow within the bank's online account opening experience: interact with the flow [here](#)
- Built an enhanced fraud decisioning flow leveraging Socure which resulted in a 40% decrease in fraud rates; conducted user testing across various interactions of account opening flows (GovID, Mobile, Web) to improve conversion rates and new accounts created.

Alio

San Francisco, CA

Data Engineer

Sep 2020 - Jun 2021

- Designed and shipped an end-to-end ML pipeline for real-time kidney disease monitoring — from raw sensor signal processing through model training — achieving 98% accuracy on blood hematocrit prediction
- Processed photoelectric sensor data from Alio's kidney device; transformed signals into categorical data as inputs for supervised learning models to accurately provide predictions on red blood cell count for patients suffering from kidney disease.
- **Technologies:** MongoDB, AWS Sagemaker, Databricks

Flexport

San Francisco, CA

Strategy Co-op

Jan 2019 - Aug 2019

- Created a go-to-market strategy for Flexport's 3PL software product targeting the domestic trucking vertical; synthesized internal data and competitive analysis into a 3-year phased roadmap presented to C-suite.
- Defined success metrics and operational KPIs to track product adoption and business impact across key regional markets.

National Geographic

Washington, DC

Data Science Co-op

Aug 2018 - Dec 2018

- Built a collaborative filtering recommendation model on 14TB of session data from 1M+ customers that outperformed the production baseline and reduced content attrition by over 10%.
- Developed customer segmentation models (random forest, logistic regression) to inform product personalization strategy.
- **Technologies:** Google BigQuery, Apache Spark, pandas, scikit-learn

EDUCATION

University of California, Berkeley

B.S. Electrical Engineering & Computer Science | B.S. Materials Science and Engineering

VOLUNTEER EXPERIENCE

Minds Matter

New York, NY

Mentor | Writing and critical thinking

Sep 2022 - Present

- Minds Matter is a nonprofit organization which connects students from low-income families with mentors who help prepare them to succeed in college and beyond [\[link\]](#).
- As a writing advisor, I work with a group of ten students on a weekly basis to improve their English skills as they prepare applications for undergraduate institutions; help curate content and lead writing workshops to help students with their college essays.

SKILLS AND INTERESTS

- **Product:** Roadmap planning, User discovery, PRD authoring, cross-functional alignment, GTM strategy | Figma, Lucid, Linear
- **Engineering:** Python, SQL, Apache Spark, BigQuery, DynamoDB, AWS SageMaker, Databricks, Tableau
- **AI/ML:** RLAIIF, post-training RL, feature stores, inference pipelines, guardrails and governance, synthetic and alternative data
- **Interests:** unsupervised machine learning, [The Modern Garage](#), computational materials science (research on nanotechnology and semiconductor engineering are on my [personal website](#)), track and field; competed at Penn Relays 2016 for the 4x100 relays