

Shivank Joshi

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Summary

Investment professional and Founding Engineer with expertise in Applied ML and Operations Research (UC Berkeley/CMU). Experience conducting technical due diligence and sourcing for a \$150M VC fund, combined with operational experience deploying production AI systems.

Education

University of California, Berkeley	Berkeley, CA
Master in Industrial Engineering and Operations Research, Financial Technology Concentration	May 2024
Carnegie Mellon University	Pittsburgh, PA
Bachelor of Science in Chemical Engineering, Minor in Computer Science	May 2023

Experience

Founding Engineer	July 2025 – Present
Notte Labs	San Francisco, CA
<ul style="list-style-type: none">Managed Forward Deployed Engineering for early customers, working directly with them to ship features and custom integrations that unblocked adoptionDeveloped internal tooling to automate sales outreach and lead generation, increasing the sales pipeline by 350%, while building custom technical prototypes for high-value prospects to demonstrate immediate product valueCollaborated on full-stack development, contributing code to the shared core library (Python, LiteLLM, FastAPI) and building new interface features for the customer console (Next.js / TypeScript)	
Investor	May 2024 – July 2025
iSeed Ventures	San Francisco, CA
<ul style="list-style-type: none">Sourced and led investments in early-stage AI startups, developing market maps for AI research and industry trends in AI and robotics to inform investment strategy for \$150M fundConducted due diligence, auditing technical roadmaps and product viability, providing the investment committee with data-driven insights on market positioning and operational scalability	
Supply Chain and Market Modeling Intern	May 2023 – Aug 2023
ExxonMobil Research and Engineering	Houston, TX
<ul style="list-style-type: none">Parallelized commodity trading model in Python and deployed with Azure to improve trading profit marginsDeveloped bilevel formulation for portfolio valuation model to further speedup model inference	
Real-Time Optimization Intern	May 2022 – Aug 2022
ExxonMobil Research and Engineering	Houston, TX
<ul style="list-style-type: none">Trained deep learning models with enforced physical constraints to predict chemical byproduct in dynamic systemWrote tooling to integrate Tensorflow models into real-time optimization software, unlocking \$1M/yr lost profitDeveloped evaluation tools, including tailored visualizations, to assess model performance under domain-specific constraints and changing conditions	
Chapter President & Project Lead	Aug 2019 – May 2023
Engineers Without Borders, Carnegie Mellon University Chapter	Pittsburgh, PA
<ul style="list-style-type: none">Led teams to complete global projects: biogas digester in Zimbabwe, autonomous drones for rural mapping	

Skills and Coursework

Software: Fluency in Excel, Python (Pandas, PyTorch, Tensorflow, FastAPI), Web scraping (Playwright, Firecrawl, Exa). Competency in Next.js, TypeScript, SQL

Coursework: Stochastic Optimization in Machine Learning, Network Flows and Graphs, Machine Learning in Electronic Markets, Risk Modeling, Machine Learning, AI Representation & Problem Solving, Parallel and Sequential Data Structures and Algorithms, Computer Systems, Operations Research