

Nripesh Kumar

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EDUCATION

UCLA ANDERSON SCHOOL OF MANAGEMENT

Los Angeles, CA

M.B.A., Full-Time Program, 705 GMAT Focus (750 GMAT)

Jun 2028

- *Merit-based Fellowship Awardee*

COLUMBIA UNIVERSITY

New York, NY

M.S. Computer Science, Machine Learning Specialization

Jun 2022

NATIONAL INSTITUTE OF TECHNOLOGY

Trichy, India

B.Tech. Honors, Computer Science, Economics Minor

Jun 2020

- *Membership: Pragyan Tech Fest* - Organized Ethical Hacking workshop and Blind Coding competition (08/17-05/18);
National Service Scheme - Organized technology awareness workshops and outreach events for school students (06/18-08/18).

EXPERIENCE

VISA®

Atlanta, GA

Senior Software Engineer, Commercial Money Movement Solutions

Jul 2022 – Jul 2026

- Launched Visa Accounts Receivables Manager (V-ARM) by developing key platform components, integrations, and payment workflows in partnership with Product Managers and Solution Architects, unlocking \$17.8M in virtual card transactions in first month of launch
- Identified and mitigated a system-wide performance risk, by quantifying that a feature expansion would cause a 20% throughput drop, risking API timeouts and SLA breaches, then drove a phased rollout that preserved platform stability
- Led teams across Singapore, Austin, and Atlanta to recover a 1-month schedule slip on a critical security vulnerability to unblock V-ARM's MVP launch for waiting clients ahead of a regulatory compliance deadline
- Enabled V-ARM's expansion into EU markets by building a multilingual parsing system that extracted financial data across currencies and regional number formats
- Designed a multi-agentic BRD Scoring tool that grades requirements across 6 quality dimensions, cutting manual BRD review from 2 hours to 2 minutes and surfacing ambiguity, SMART, and template gaps before they reach engineering
- Boosted deployment frequency by 25% and reduced time to achieve target code quality metrics by 30% by implementing generative AI tool for assistive coding, enabling the team to handle more story points per sprint

E3B DEPARTMENT, COLUMBIA UNIVERSITY

Interdisciplinary program combining environmental science with policy, economics, and public health.

New York, NY

Graduate Research Assistant

Jun 2021 – May 2022

- Orchestrated procurement of 2TB of satellite imagery using incremental extraction, sharding, and parallel loading, increasing ETL throughput 30% and accelerating data availability for downstream rainforest research
- Built a Python-based pipeline for satellite imagery clipping/merging, eliminating manual processing for researchers and accelerating rainforest mapping workflows by 20%

FLATWORLD SOLUTIONS

A global consulting firm that provides solutions on automation, AI, and software development.

Bangalore, India

Analyst Intern

Oct 2020 – Dec 2020

- Automated extraction of mortgage application data from PDFs using Amazon Textract, reducing processing time by 40% for lenders and financial institutions across underwriting, compliance, and post-closing reviews

ADDITIONAL

Technical/Product: Systems scoping, platform tradeoff analysis, load/performance testing, requirements definition, cross-region delivery management

Technology skills/software: Claude Agents Design, LLM/GenAI Product Development, Python, Java Springboot, Node.js, SQL, Vercel, Supabase, Neon

Volunteer Work: Participated in distributing over \$1.2M in grants from the Atlanta Visa Foundation to Kiva, a nonprofit online lending platform, to help expand financial access for underserved small and micro businesses (SMBs) worldwide (Apr 2024)