

Venkatesh Prasad Ravichandran

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Work Authorization: STEM OPT Eligible

PROFESSIONAL SUMMARY

MS Business Analytics candidate (Dean's Excellence Scholar, UT Dallas) with 2+ years shipping AI-powered products and operational automation at the intersection of data, engineering, and business strategy. Skilled in product discovery, PRD authoring, roadmap planning, KPI/OKR definition, and aligning cross-functional teams from ideation through measurable delivery.

CORE COMPETENCIES

Product: Product Discovery · PRD Authoring · Roadmap Planning · Stakeholder Alignment · KPI/OKR Definition · User Research · Go-to-Market · Agile/Scrum · A/B Testing

Analytics: SQL · Python · Snowflake · Databricks · Power BI · dbt · ETL/ELT · Data Modeling · Metric Instrumentation

Platforms & AI: AWS (EC2, S3, Route 53) · Azure · Pinecone · RAG Architectures · n8n Automation · CRM (JobNimbus, CompanyCam)

PROFESSIONAL EXPERIENCE

AI & Automation Engineer

Sep 2025 – Present

Coalition Restoration — Dallas, TX

- Led end-to-end product discovery across operations; defined requirements for 10+ automation opportunities, cutting administrative overhead by 40%.
- Authored PRD and shipped automated email classification & prioritization system, reducing manual triage time by 70%; managed QA and rollout with zero post-launch defects.
- Drove infrastructure migration PRD (GoDaddy → Azure): +25% reliability, -15% hosting costs; architected CRM integration (JobNimbus + CompanyCam) establishing a single source of truth for real-time operational reporting.

Product & Research Analyst

Nov 2024 – Aug 2025

ArtSciLab — The University of Texas at Dallas, Dallas, TX

- Co-led product strategy and end-to-end delivery of a RAG AI system (Fred the Heretic); achieved ~80% stylistic alignment validated by expert evaluation.
- Defined information architecture and led platform improvements across two web properties (ArtSciLab, OC4ES), driving a 60% increase in user traffic.
- Authored and executed server/domain migration (DigitalOcean → AWS), reducing downtime by 35% and enabling future product scalability.

Data Analyst, Graduate Trainee

Feb 2023 – May 2023

Wisdom Schema — Remote, Australia

- Resolved systemic data quality issues in U.S. air-traffic datasets, ensuring 100% accuracy for downstream analytics; collaborated with engineering and analytics stakeholders to align outputs with operational decision-making requirements.

KEY PROJECTS

Council of LLMs — Multi-Agent AI for Legal Reasoning | Lead Author, ArtSciLab (UT Dallas)

- Designed 7-phase adversarial pipeline (~23 model calls/query) with 6-layer anti-hallucination architecture and deterministic citation verification; achieved ~90% cost reduction via prompt caching; credited by Hon. Don J. Marshall (Senior U.S. District Judge, Ret.) and Dr. Paul Fishwick (Distinguished Professor, UT Dallas).

Ops Intelligence Automation Platform — CRM + Data Pipeline + Analytics | Product Lead, Coalition Restoration

- Embedded intelligent automation across job intake, CRM, field communications, and reporting; designed a unified real-time data layer surfacing decision-ready operational insights and eliminating reliance on manual judgment.

EDUCATION

M.S. Business Analytics — Dean's Excellence Scholar

May 2026

The University of Texas at Dallas, Richardson, TX

B.Tech, Computer Science

June 2024

SASTRA University, Thanjavur, India

CERTIFICATIONS & ACHIEVEMENTS

AWS Certified Cloud Practitioner · Databricks Certified Data Engineer Associate · Snowflake SnowPro Core

Winner, Agentic AI Hackathon (UT Dallas) — Led product ideation and execution of an agent-based AI MVP under time constraints; recognized for practical business relevance and stakeholder-focused delivery.