Aditya Vemparala Venkata Sesha

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EDUCATION

The University of Texas at Dallas - Master of Science, Information Technology and Management   May 2025
Awards: Nash Leadership, ITM All Rounder, Beta Gamma Sigma Honoree (Top 10% of graduate business students)   **GPA 3.888**
Vellore Institute of Technology, Vellore - Bachelor of Technology, Electronics and Communication Engineering   June 2020

PROFESSIONAL EXPERIENCE

Radiant Digital   **Vienna, VA, USA**
Product Owner Intern   August 2025 – Present

- Spearheaded the development and migration of a Social Management App integrating Facebook, Instagram, LinkedIn, and X for centralized content publishing and performance analytics, contributing to a projected 10% increase in user engagement
- Coordinated cross-functional stakeholders (Product, Engineering, and Clients) ensuring feature execution, UAT, and Go-Live readiness
- Owned product execution and delivery plans by translating business, marketing, and technical requirements into 70+ user stories with acceptance criteria, supporting PI planning and roadmap delivery.
- Analyzed legacy .NET and React applications and aligned API, database, and UI designs to support migration to Angular and Spring Boot
- Executed manual functional, regression, and UAT testing for UI and APIs using Postman, validating business and technical requirements
- Documented social platform Graph API integrations to support engagement analytics and product decision-making
- Designed an enterprise AI Assistant integrating ServiceNow Now Assist with neo-4j based Knowledge Augmented Generation (KAG) service, enabling multi-source knowledge retrieval contextual, and graph-based AI reasoning

BMO Bank N.A.   **Irving, TX, USA**
Software Developer Intern, Loan Originations   June 2024 – August 2024

- Modernized 50+ Java functions to Python and AWS, modernizing loan credibility service improving maintainability and scalability
- Designed and deployed AWS Lambda–based Python microservices, reducing infrastructure overhead and operational costs by 15%.
- Tested and validated REST APIs using Postman and integrated backend services with MS SQL Server data.

Oracle Corporation   **Hyderabad, India**
Staff Consultant, Techno-Functional - EMEA Apps Delivery   September 2022 – February 2023

- Implemented end-to-end Absence Management and Core HR solutions, contributing to the digital transformation initiatives and ensuring alignment with strategic HR goals of a $12.8 billion South African telecommunication client spanning 20+ countries *(Duration: 29 months)*
- Collaborated with global stakeholders to capture and analyze complex business requirements, translated them into technical components, and developed technical and functional solutions using Oracle Fusion HCM Core HR and Absence modules
- Analyzed Absence data discrepancies caused by strategic policy upgrades by rebuilding and deploying a new Absence Management solution in Oracle Fusion, restoring data accuracy and ensuring system compliance with the client's HCM policies
- Led implementations, testing (SIT, UAT), and post Go-Live production support for 9 countries, ensuring smooth transformation
- Created comprehensive project documentation for Absence and Core HR solutions, detailing configuration logic, functional dependencies, and technical Fast Formula to support knowledge transfer and ensure long-term solution maintainability

Associate Consultant, Techno-Functional – EMEA Apps Delivery   September 2020 – August 2022

- Developed an automated compliance tracking & reporting solution with email reminders using OTBI, Oracle HCM Core HR, Fast Formula, and Oracle Journeys, enabling audit ready and exception reporting, maintaining data privacy between employees & managers
- Partnered with cross-functional teams and developed 30+ Absence Fast Formula to validate and automate Absence accruals, plans, and configurations for a leading educational institution in India, streamlining Absence management workflows
- Created 20+ test scripts to test and validate configurations in Absence and Core HR modules ensuring error-free deployment
- Analyzed business processes and workflows to identify automation opportunities, leading to reduced manual configurations
- Delivered 20+ UiPath RPA scripts to automate Oracle Fusion HCM module configurations, reducing manual effort time
- Assisted with testing configurations in Recruiting, Payroll, and Compensation to support broader HCM delivery scope

SKILLS

Certifications: [Scrum Product Owner](#), [Oracle Cloud Infrastructure Foundations Associate](#), [Oracle Cloud Infrastructure AI Foundations Associate](#)
Programming: Python, React, Java, PowerBI, Oracle Fusion HCM (Absence, Core HR, Fast Formula), SQL, UML, MS Visio, LangChain

ACADEMIC PROJECTS

Digital Consulting Project – Full Stack Development, UI/UX Design, Product Owner ([Link](#))   January 2025 – May 2025

- Led MVP design and delivery for a B2C food delivery platform, using React, Flask, MySQL, and RESTful APIs while managing the product backlog, UI design (Figma), and full-stack development to deliver a scalable solution aligned with user needs.

AI in Business – *SkySolve* ([Link](#))   January 2025 – May 2025

- Built an AI assistant prototype for the airline industry usecase that automates manual customer processes using speech-text, knowledge base for recommendations, and email automation reducing the manual effort for customers and customer agents.

Exploratory Data Analysis with Stock Time Series Data ([Link](#))   January 2026 – January 2026

- Collected and performed Exploratory Data Analysis on historical stock price data for publicly traded companies using Python and Pandas by integrating external financial data sources

Retrieval Augmented Generation (RAG) module with ChromaDB ([Link](#))   January 2026 – January 2026

- Built a RAG module with LangChain, document ingestion pipelines, text chunking, and HuggingFace embeddings, and vector-store integration (ChromaDB/FAISS) for semantic search