

# ANEESH YARAMATI

[anyarama@iu.edu](mailto:anyarama@iu.edu) | (812) 340 3132 | <https://www.linkedin.com/in/aneesh-yaramati/>

## EDUCATION

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- Indiana University, Kelley School of Business** – Bloomington, IN **December 2026**  
**Master of Science in Information Systems, Concentration: Digital Enterprise Systems and AI** **GPA: 3.70/4.00**
- **Core Coursework:** IT Strategy, Enterprise Platforms, AI Driven Development (RAG, LLM), IT Governance, Risk & Controls, Data Analytics, Agility, Process & Automation, Cloud and Platform Architecture, Design Thinking
  - **Concentration Coursework:** Enterprise Digital Core, Enterprise Data Management, Big Data Technologies, Digital Platforms and AI, Agentic AI Systems, Foundations in AI Research, Designing and Deploying AI solutions
  - Recipient, Dean's Global Fellowship and MSIS Graduate Assistantship
  - 3rd Place, Kelley MSIS CORE Final Project (TMHNA Digital Momentum)
- Amrita Vishwa Vidyapeetham, Amrita School of Engineering** – Coimbatore, India **June 2022**  
**Bachelor of Technology in Electrical, Electronics and Communication Engineering** **GPA: 3.84/4.00**
- Recipient, Amrita Vidyanidhi 75% Merit Scholarship; awarded to top rankers nationwide

## EXPERIENCE

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- Schlumberger** – Pune, India **August 2022 – May 2025**  
**Data Engineer**
- Consolidated data from 10+ legacy systems by optimizing 40+ ETL/ELT workflows, transforming fragmented inputs into governed datasets for enterprise reporting and decision-making
  - Led the design and implementation of archival workflows, improving data availability for troubleshooting, resulting in 20% increase in MDM system reliability
  - Performed data profiling and quality checks by implementing 25+ validation rules, improving data accuracy by 10% and achieving 99% data readiness for downstream analytics and ML use cases
  - Optimized conversion processes during SAP system migrations by integrating pre-load and post-load data validation checks, ensuring compliance with data governance rules
  - Developed SOAP-based web services for real-time material number reservation and updates, cutting synchronization time by 30%
  - Supported disciplined deployments through Azure DevOps and Git, improving release quality, documentation, and operational consistency
  - Monitored source-level record trends across ETL layers to flag anomalies early and support operational issue resolution

## ACADEMIC PROJECTS

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- TMHNA Digital Momentum, Kelley MSIS CORE Final Project** **November 2025 – December 2025**
- Developed a business and technology recommendation for TMHNA (\$7B) to harmonize systems, processes, and data across TMH, Raymond, THD, improving enterprise reporting
  - Designed a future-state financial intelligence model across SAP S/4HANA, SAP ECC, and Snowflake, aligning KPI definitions, governance, and scalable implementation priorities
- Cloud Migration & Multi-Cloud Integration Strategy** **October 2025 – November 2025**
- Designed a comprehensive 100% cloud migration plan for legacy ERP, CRM, HCM, Custom .NET Apps, and IoT systems, selecting optimal SaaS/PaaS/IaaS solutions across OCI, Azure, Salesforce, and Workday
  - Built a unified multi-cloud integration architecture using iPaaS platform to enable real-time data orchestration, global scalability, and high availability with robust security, HA/DR, and cost-optimization controls
- Pothole Detection using Deep Learning Algorithms ([Springer](#))** **October 2021 – February 2022**
- Designed a real-time pothole detection system to support Advanced Driver-Assistance Systems (ADAS), improving road safety and maintenance efficiency
  - Built and augmented a dataset of 1,995 Indian road images; compared YOLOv5 variants with Faster-RCNN (ResNet101), selecting YOLOv5m for its 82% accuracy, faster inference, and balanced precision-recall trade-offs

## TECHNICAL

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- **Programming & Tools:** Python, SQL/PLSQL, MySQL, Informatica, ETL, Data Modeling, Machine Learning
  - **Data & Systems:** Snowflake, ETL, Data Warehousing, Spark, Hive, Tableau, Power BI, SAP (MM, ME, MDG)
  - **Development & Collaboration:** Azure DevOps, JIRA, Agile/Scrum, SDLC, MVC, Project Management, Alteryx