**Generative AI Evangelist | Reporting Architect | Technology Project Manager | Azure, Python, SQL, Databricks**

📱 Mobile: +1-469-861-3637 ✉️ Email: [nagacodesai@gmail.com](mailto:nagacodesai@gmail.com)  
🔗 LinkedIn: [linkedin.com/in/nagamohanp](https://linkedin.com/in/nagamohanp) **🌐** Portfolio: [My Professional Portfolio](https://sites.google.com/view/nagamohankumarp)

# Professional Summary

Innovative Generative AI Evangelist and Technology Project Manager with 17+ years of IT experience, specializing in Generative AI, Retrieval-Augmented Generation (RAG), data analytics, and Microsoft technologies. Currently serving as a **Reporting Architect and Analytics Lead** for Leading Semiconductor Industry Client with Infosys, leading the migration of Salesforce to Power BI and backend systems to Dynamics. Certified in Azure, Python, and Scrum, with advanced expertise in Data Science and Machine Learning, and ongoing certifications from Cornell University.

Proficient in developing and deploying scalable data pipelines, integrating Generative AI and RAG frameworks for enhanced decision-making. Skilled in leveraging tools like Azure Synapse Analytics, Azure Data Factory, Databricks, and AWS to deliver enterprise-ready solutions. Adept at translating complex business needs into actionable insights, managing cross-functional teams, and delivering projects on time and within budget. A visionary leader dedicated to unlocking the power of data and AI for enterprise transformation.

# Core Competencies

* **Cloud Platforms:**  
  Azure (Synapse Analytics, Data Factory, Data Lake), AWS (S3, Glue, SWF, Redshift, Console)
* **Programming Languages:**  
  Python, C#, ASP.NET, SQL
* **Data Engineering & Analytics:**  
  Scalable Data Pipelines, ETL Processes, Data Quality & Integrity, Power BI, Semantic Models
* **DevOps & Automation:**  
  Azure Logic Apps, App Services, Web Jobs, Power Automate, Postman API
* **Project & Team Management:**  
  Agile, Scrum, Waterfall, Risk Management, Cross-functional Team Leadership
* **Accessibility & Compliance Tools:**  
  JAWS/NVDA (Accessibility Testing), WCAG 2.0 Standards
* **Certifications:**  
  Azure Data Fundamentals, Python Developer, Certified ScrumMaster (SCRUM ALLIANCE®)

# Professional Experience

## Technology Project Manager

### Infosys Technologies Pvt Ltd — May 2022 – Present

Lead Data & Analytics, Leading Semiconductor Client, Dallas, TX (July 2023 – Present)

* Spearheading the migration of enterprise-wide reporting solutions from Salesforce to Power BI, ensuring seamless transitions while enhancing report efficiency and user experience.
* Managing and optimizing the data warehouse hosted on AWS Redshift, ensuring data readiness for analytics and reporting while maintaining high-quality standards.
* Developed and implemented a Data Quality (DQ) Framework to monitor and validate data accuracy during and after migration.
* Automated alerting mechanisms within the DQ framework to promptly detect and address data quality issues, ensuring the reliability of migrated data.
* Implementing best practices in Power BI report development and backend integration to enhance scalability, maintainability, and performance.
* Collaborated with cross-functional teams to define data quality metrics and standards, aligning them with business requirements and operational goals.

Lead Data & Analytics, Microsoft Client, Bellevue, WA (May 2022 – June 2023)

* Architected and deployed robust data pipelines, data streams, and data service applications, ensuring high scalability and data integrity across enterprise systems.
* Partnered with senior management to define project scope, timelines, and deliverables, aligning technical solutions with critical business objectives.
* Streamlined project workflows by implementing industry best practices, leading to a significant improvement in operational efficiency and overall team productivity.
* Directed cross-functional teams to deliver multiple high-profile projects, achieving consistent success in meeting deadlines and adhering to budget constraints.

Lead Data Engineer | Data Readiness Team, Microsoft Client, Bellevue, WA — Nov 2011 – May 2022

* Designed and implemented scalable and robust data engineering frameworks for large-scale data processing across Azure and AWS ecosystems, optimizing performance and scalability.
* Enhanced data quality and system reliability through advanced monitoring, automated quality assurance measures, and proactive issue resolution.
* Led and mentored a team of engineers, fostering a collaborative environment that encouraged innovation and skill development.
* Developed and optimized ETL pipelines to ensure seamless data integration, improving data availability and accessibility for analytics.
* Collaborated with cross-functional teams to align engineering solutions with business objectives, delivering impactful results.

### Software Engineer, Manuh Information’s India Pvt Ltd, Visakhapatnam — Aug 2010 – Oct 2011

* Developed custom software solutions using ASP.NET and C#, automating routine tasks and improving internal operational efficiency.
* Integrated APIs and web services to enhance application functionality, delivering seamless user experiences and improved workflows.
* Optimized application performance through code refactoring and adherence to industry best practices, ensuring scalability and reliability.

### Software Engineer, Stellent Soft Pvt Ltd, Visakhapatnam — Apr 2007 – Jul 2010

* Contributed to the full software development lifecycle (SDLC), ensuring high-quality deliverables across various web and software projects.
* Enhanced web application accessibility by implementing WCAG 2.0 guidelines, improving usability for all users, including those with disabilities.
* Collaborated with cross-functional teams to meet project requirements and deliver innovative solutions within tight deadlines.

# Certifications & Training

- Microsoft Certified: Azure Data Fundamentals | Azure Fundamentals | Power BI  
- Python Developer: Microsoft & Infosys Certified  
- Certified ScrumMaster®: SCRUM ALLIANCE®  
- Ongoing Certification: Data Science & Machine Learning (Cornell University)

# Education

Master of Computer Applications (MCA) – Andhra University, India

# Technical Skills

**Cloud Platforms:**  
Azure (Synapse, Data Factory, Data Lake), AWS (Redshift, S3 Buckets, Lambda, Glue Jobs, SWF)

**Programming Languages:**  
Python, C#, SQL, ASP.NET

**Data Engineering & Analytics Tools:**  
Databricks, Power BI, ETL Pipelines, Semantic Models, Data Quality & Integrity

**Generative AI & RAG Tools:**  
OpenAI APIs, LangChain, Hugging Face

**DevOps & Automation:**  
Azure Logic Apps, App Services, Web Jobs, Power Automate, Postman (API Testing), JAWS/NVDA (Accessibility Testing)