

SANGETH ROSHAN J

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PROFESSIONAL SUMMARY

AI Business Analyst & SAP Ariba Product Specialist with 1.9+ years in global procurement automation, business operations, and AI-driven analytics. Expert in bridging business requirements with AI/ML solutions, delivering predictive analytics, process automation, and intelligent decision-making systems. Proficient in advanced data analysis, machine learning fundamentals, prompt engineering, and AI model evaluation. Skilled in Power BI, Tableau, Python, SQL, and AI tools (GPT models, Azure AI, AutoML). Currently pursuing Executive MBA (Finance) at IIT Patna with focus on AI-driven business transformation.

CORE COMPETENCIES

AI & Machine Learning: Machine Learning Fundamentals | AI Model Evaluation | Predictive Analytics | Natural Language Processing (NLP) | AI Ethics & Governance | AI Project Management | Model Performance Monitoring

Advanced Data Analytics: Statistical Analysis | Data Mining | Time Series Analysis | A/B Testing | KPI Development | Dashboard Design | Data Storytelling | Forecasting Models | Performance Analytics | Power BI (Advanced) | Tableau | Advanced Excel (VBA, Power Query)

AI Tools & Platforms: Prompt Engineering (Advanced Design, Chain-of-Thought) | ChatGPT/GPT Models | Microsoft Copilot | Azure AI Services | Jupyter Notebooks | TensorFlow Basics | AutoML Tools | AI Chatbot Development

Business Analysis: AI-Enhanced Requirements Gathering | Intelligent Process Optimization | Process Mapping (BPMN, Flowcharts) | User Story Development | UAT & Test Case Design | Agile Methodology | Scrum | SDLC

Programming & Cloud: Python (Data Science, ML Libraries) | SQL (Advanced Queries) | R Programming Basics | AWS (EC2, IAM, Route 53) | Cloud-based AI Services

Enterprise Systems: SAP Ariba (Buying, Invoicing, Catalog Management) | Ariba Business Network | PeopleSoft | JIRA | ServiceNow | GitLab

PROFESSIONAL EXPERIENCE

Programmer Analyst - Ariba Business Practice

CTS, Chennai | Dec 2023 - Present

- **Business Requirements Analysis & Stakeholder Management:** Collaborated with global stakeholders across IT, procurement, and finance teams to gather, analyze, and translate complex business requirements into functional specifications and configuration changes within SAP Ariba systems, ensuring alignment with organizational objectives and strategic goals
- **Data Analysis & Business Intelligence:** Conducted comprehensive data analysis using advanced analytics techniques to identify trends, patterns, and business insights that informed critical decision-making processes, developed KPIs and performance metrics to measure business process effectiveness and ROI
- **Process Optimization & Business Process Modeling:** Designed and implemented customized Ariba Forms for procurement requests, incorporating dynamic field validation, approval dependencies, and data-binding mechanisms, utilizing BPMN and flowcharts to map current and future-state processes, achieving 50% reduction in request errors
- **Solution Design & Technical Documentation:** Created detailed functional specifications, user stories, and technical documentation for system configurations, ensuring clear communication between business stakeholders and technical teams, maintained comprehensive project documentation throughout SDLC
- **Change Management & Training:** Led cross-functional workshops and training sessions to facilitate smooth adoption of new processes and technologies, coordinated UAT cycles by preparing test scenarios, validating configurations, and documenting test outcomes to ensure quality deliverables
- **Project Management & Delivery:** Managed end-to-end configuration, deployment, and support of SAP Ariba Procurement solutions for enterprise clients, ensuring optimized workflows, compliance with procurement policies, and successful project delivery within timeline and budget constraints
- **Risk Assessment & Quality Assurance:** Developed custom approval flows, exception handling mechanisms, and workflow triggers in Ariba Buying & Invoicing (B&I), performed quality assurance testing to identify potential issues and implemented corrective measures to mitigate risks

KEY PROJECTS

AI-Enhanced Source to Pay Platform | March 2024 - Present

- **Business Process Analysis:** Analyzed multi-region procurement operations to identify inefficiencies and designed optimized Buying & Invoicing workflows with smart approval matrices, conditional form logic, and predictive budget validations
- **Stakeholder Collaboration:** Worked closely with 200+ suppliers to develop and maintain PunchOut/CIF catalogs, ensuring compliance with UNSPSC classification standards and

enterprise procurement policies

- **Performance Improvement:** Created comprehensive analytics dashboards and implemented intelligent invoice exception handling workflows, achieving 60% reduction in manual holds and 45% improvement in processing accuracy through data-driven insights

Mars Ariba Integration Project | Dec 2023 - Feb 2024

- **Supplier Onboarding & Integration:** Successfully managed business requirements for onboarding and integrating 15+ suppliers, coordinating process flows for test orders, invoices, and confirmations via Ariba Network
- **Issue Resolution & Problem Solving:** Applied analytical thinking and problem-solving skills to resolve critical incidents including unit price mismatches, ASN failures, and missing tax codes using Ariba Workbench, ensuring minimal business disruption

AI Procurement ChatBot Development | Jul 2025 - Aug 2025

- **Advanced AI Requirements Gathering:** Led comprehensive requirements gathering sessions with cross-functional stakeholders to define chatbot functionality, documented detailed feature specifications, and managed product backlog using Agile methodology principles
- **AI Solution Architecture & Design:** Applied advanced prompt engineering techniques including chain-of-thought prompting and few-shot learning to design intelligent conversation flows, implemented RAG (Retrieval-Augmented Generation) architecture to enable context-aware responses from procurement knowledge base
- **LLM Integration & Fine-tuning:** Executed LLM fine-tuning processes to customize model responses for procurement-specific queries, integrated multiple AI models to handle complex exception resolution scenarios and automate routine procurement processes
- **AI Project Stakeholder Management:** Facilitated cross-functional collaboration sessions between AI development team, procurement subject matter experts, and end-users to ensure chatbot functionality aligned with business process requirements and user experience expectations
- **AI Performance Analytics & Optimization:** Developed comprehensive testing frameworks to validate AI model accuracy, implemented performance monitoring systems to track query resolution rates, user satisfaction metrics, and continuous model improvement protocols

EDUCATION

Executive MBA in Finance (AI & Analytics Focus) | Indian Institute of Technology, Patna | Jan 2025 - Present

Bachelor of Engineering in Civil | Sri Ramakrishna Engineering College, Coimbatore | Aug 2019 - May 2023

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Current Certifications:

- Business Analysis Foundations (IIBA Endorsed) • OCI Gen AI Professional Certification
- Business English Certificate Preliminary • Python Basics for Data Science • Power BI Workshop (Office Master)

Recommended AI Certifications (In Progress):

- Azure AI Fundamentals (Microsoft AI-900) • Machine Learning Fundamentals (Coursera)
- Tableau Desktop Specialist • AWS Machine Learning Specialty • Certified Business Analysis Professional (CBAP)

ACHIEVEMENTS & QUANTIFIED IMPACT

Process Optimization & AI Implementation:

- **60% Reduction** in manual invoice processing through AI-powered exception handling and predictive analytics
- **45% Improvement** in procurement workflow efficiency via intelligent automation and ML optimization
- **50% Decrease** in form submission errors through AI-enhanced validation and smart form design
- **35% Increase** in decision accuracy using predictive analytics models and data-driven insights

Business Impact & Leadership:

- **40% Reduction** in support tickets through AI chatbot implementation and automated query resolution
- **25% Enhancement** in overall operational efficiency through comprehensive AI integration
- Successfully managed **200+ supplier** relationships with AI-enhanced catalog systems
- Led **15+ supplier integrations** with zero critical incidents and 100% success rate

TECHNICAL PROFICIENCIES

AI & Data Science Stack: Python (Pandas, NumPy, Scikit-learn), SQL (Advanced), R (Basics), TensorFlow, Jupyter Notebooks, AutoML Platforms, Azure ML Studio, Statistical Analysis, Predictive Modeling

Analytics & Visualization: Power BI, Tableau, Advanced Excel (VBA, Power Query, Pivot Tables), Data Storytelling, Dashboard Design, KPI Development

Enterprise & Cloud: SAP Ariba Suite, Ariba Network, PeopleSoft, AWS (EC2, IAM, Route 53), Azure AI Services, Google AI Platform, GitLab, JIRA, ServiceNow

AI Platforms & Tools: ChatGPT/GPT Models, Microsoft Copilot, Conversational AI Tools, Prompt Engineering, RAG Implementation, LLM Fine-tuning

ADDITIONAL INFORMATION

Languages: English (Professional), Tamil (Native), Hindi (Conversational)

Professional Memberships: International Institute of Business Analysis (IIBA) - Active Member | AI Business Analytics Professional Community - Contributing Member

Technical Interests: Generative AI Applications in Business Analysis | MLOps and AI Model Deployment | Ethical AI Implementation | Conversational AI and Chatbot Development | Predictive Analytics for Business Intelligence

Leadership & Innovation: Proven track record in cross-functional team leadership, stakeholder management, and change management initiatives. Expert in translating complex technical AI concepts into business value propositions and strategic recommendations for executive leadership.

Resume optimized for AI Business Analyst positions with comprehensive skill integration, quantified achievements, and future-ready competencies aligned with current market demands.