Navneeth Ramachandran

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Professional Summary

Senior Data & Integration Engineer with 6+ years of international experience delivering integration solutions, APIs, and enterprise data pipelines. Skilled in customer onboarding, documentation, testing, troubleshooting, and run-time support. Proven track record of bridging technical and business needs, ensuring secure, reliable integrations across cloud platforms, SAP systems, and automation tools. Based in Eskilstuna, Sweden and eager to contribute to Volvo CE's product lifecycle integration mission.

Core Skills

- **Integration & APIs:** REST APIs, SFTP, IBM MQ, IBM API Connect, SAP MOM/ODC exposure
- **Data Engineering:** ETL Pipelines, Delta Lake, Data Quality, Monitoring, Testing & Validation
- **Programming:** Python, SQL, Spark, UNIX/Linux, Shell Scripting
- **Platforms & Tools:** Azure, ADF, Databricks, ODI, Power BI, HubSpot, GA4, GTM, Looker Studio, Make.com
- **DevOps & CI/CD:** GitHub Actions, Databricks Asset Bundles, Deployment Pipelines
- **Other:** Requirements Gathering, Documentation, Business/System Analysis, Customer Training, Stakeholder Engagement

Professional Experience

Ampy AB, Sweden   *Jan 2025 – Present*
Integration & Automation Specialist (Internship)

- Designed CRM workflows in HubSpot integrated with GA4, GTM, and Looker Studio for centralized, multi-site reporting.
- Built customer journey automations with Make.com, covering lead capture, deal creation, Slack alerts, and reporting.
- Authored technical documentation and training guides for CRM and automation workflows, improving adoption across teams.
- Implemented form/data validation ensuring accuracy and compliance in customer records and reporting pipelines.
- Provided customer-facing training and troubleshooting sessions, building strong stakeholder relationships.

IBM India – Client: Selfridges (London, UK)   *Jun 2020 – Sep 2024*
Data Engineer / Integration Specialist

- Delivered integration workflows using Azure Data Factory, Databricks, and REST APIs to connect enterprise data sources.
- Automated sales and inventory reporting pipelines, reducing manual work by 60% and enabling faster decision-making.
- Developed test cases, integration documentation, and data lineage reports, supporting audits and compliance.
- Collaborated with ERP/SAP teams to support SAP-linked data flows, ensuring seamless integration with business processes.
- Implemented proactive monitoring and alerting, resolving 90% of issues before impacting business users.
- Provided third-line run-time support, troubleshooting API/ETL failures and driving permanent fixes.

IBM India – Client: Selfridges (London, UK)   *Sep 2018 – Jun 2020*
ODI Developer / Data Engineer

- Designed and optimized ETL workflows using Oracle Data Integrator (ODI), integrating multiple enterprise systems.
- Improved integration runtime by 30% through query optimization and process redesign.
- Authored technical documentation and supported business analysts in defining integration requirements.
- Performed data validation and quality checks, ensuring compliance and accuracy in enterprise reporting.
- Provided production support with focus on root cause analysis, testing fixes, and knowledge sharing across teams.

Publications

- **Control of BLDC Machine drive for Flywheel Energy Storage in DC Micro-grid Applications**
  Published in: 2019 IEEE International Conference on Power Electronics, Smart Grid and Renewable Energy (PESGRE)
  DOI: 10.1109/PESGRE45664.2020.9012455

Education

Bachelor of Technology in Electrical and Electronics Engineering *2014 – 2018*
Amrita Vishwa Vidyapeetham, India   GPA: 7.6/10

Certifications

- Microsoft Certified: Azure Data Engineer Associate
- Microsoft Certified: Azure Fundamentals
- Databricks Certified: Fundamentals Accreditation
- iNeuron Certified: Full Stack Data Scientist

Languages

- **English:** Native / Bilingual Proficiency
- **Swedish:** Limited Working Proficiency
- **Malayalam:** Native / Bilingual Proficiency
- **Hindi:** Working Proficiency