ARUNAGIRI AMBALAVANAN

CONTACT

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SUMMARY

Results-driven Technical Lead with 16+ years of experience in Business Intelligence and Data Technology. Adept at optimizing data workflows, translating raw data into actionable insights, and implementing cutting-edge analytics technologies. Customer-focused mindset with a strong ability to understand diverse industry dynamics and deliver tailored solutions. Known for effectively collaborating with stakeholders to drive business success.

SKILLS

- Highly Adaptable.
- Cloud Technologies Microsoft/AWS/GCP.
- Expertise in Data visualization and reporting tools.
- Expertise in statistical analysis for business.
- Specialized Business Acumen.
- Expert in System Design and ETL pipelines.
- Effective communication
- Rigorous thinking
- Strategic Thinking.
- Microservices Architecture
- Development Methodologies: Agile, Kanban
- Technologies used: PowerBI, Tableau, CRM Analytics, IDMC, AWS, ADF, HBase, Python.

EDUCATION

Bachelor of Science: Mechanical Engineering, 05/2006

WORK HISTORY

Tech Lead to Principle Engineer, 04/2013 to Current
Altimetrik Corp - San Francisco, CA

- Successfully migrated data from SalesForce cloud to a multi-tenant Snowflake data warehouse, resulting in improved data accessibility and scalability.
- Implemented reusable data pipeline using PowerShell for TDS to automate AD authentication, reducing manual effort.
- Developed insights for Salesforce enablement CRM analytics platform, enabling customers to identify sales team performance and milestones, resulting in improvement in sales productivity.
- Created insights for Salesforce Trailhead Analytics Data platform, providing visibility of available Salesforce domain experts for B2B vendors, which improves vendor collaboration and support.
- Led end-to-end implementation of decisions.com framework, automating workflows and reducing Mean-Time-To-Deploy rate for FIS sales team. This results in cost reduction of $350k per year.
- Architected and generated insights about CS agents for PayPal, leading to actionable recommendations that improved click stream performance and resulted in 30% increase in customer contact rate.
- Established CI/CD infrastructure to automate AWS Cloud ETL pipelines for SVB Bank, improving deployment time and overall development efficiency.
- Successfully migrated enterprise data warehouse from on-premises to AWS cloud infrastructure.
- Enhanced CTA report generation performance for Visa Inc., reducing the generation timeline from 2 hours to under 5 minutes.
- Led implementation of analytics algorithms utilizing clustering techniques to identify outliers for PayPal products, enhancing anomaly detection capabilities and optimizing product performance.
- Spearheaded cross-collaboration efforts to implement an AuthN service for the image center product at FIS, effectively reducing security vulnerabilities and providing enhanced security measures for their B2C clients.

DBA, 03/2011 to 04/2013
Technosoft Global Services

- Successfully migrated multiple ETL pipelines, resulting in improved data integration efficiency and decreased data processing time.
- Migrated Informatica 8.x and 9.x client/server on Windows and UNIX platforms, enabling seamless data extraction, transformation, and loading processes.
- Proactively monitored and optimized ETL repository and performance improvements for system.
- Implemented and monitored ETL jobs to ensure optimal server space utilization, and reduced storage costs.
- Managed scheduling for ETL, Dataflux jobs, and Mviews using enterprise scheduler Active Batch, ensuring smooth execution of critical data processes and reduction in job failures.

Anna University - Chennai, India

Diploma in Mechanical Engineering:
Mechanical Engineering, 05/1999
DOTE - Chennai, India

SOCIAL PROFILES

- https://www.linkedin.com/in/arunamb
  alavanan/

PREVIOUS DECADE (2006 - 2011)

- Experienced professional with a diverse background working in multiple
  companies, holding roles as a Data Engineer and BI Developer.
- Refer detailed accomplishments:
  https://github.com/send2aarun/resume/blob/main/CV__Arunagiri_Resume_In
  Detail%20.pdf