

# ARUNAGIRI AMBALAVANAN

## CONTACT

**Address :** Oakley CA 94561

**Phone :** 510-474-8895

**Email :** send2aarun@gmail.com

## 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: Power BI, Tableau, CRM Analytics, IDMC, AWS, ADF, HBase, Apache Spark, Snowflake, Teradata, Oracle, PySpark, R, Python.

## WORK HISTORY

### **Tech Lead to Principal Engineer, 04/2013 to Current** **Altimetrik Corp - San Francisco, CA**

- Successfully migrated data from Sales Force 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.

## EDUCATION

**Bachelor of Science:** Mechanical Engineering, 2006

## SOCIAL PROFILES

- <https://www.linkedin.com/in/arunambalavanan/>
- <https://www.credly.com/users/arunambalavanan/>

## VOLUNTEERING ACTIVITIES

- Data Analysis in CrowdDoing to Nature Counter Project
- Part of NGO to help configure and install security surveillance in China Town, SF, Ca
- Volunteering in Community Garden and City senior homes

## 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/DetailedResumeNpdf>