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Postgraduate MSc Student at University of Manchester
Analytics, Data and Information Management, and Software development

Qualification Summary

Extensive experience in data analysis, processing, and investigation in almost 3 years especially in telecommunication industry with some professional experience in software engineering. Experience in working with diverse environment and with people from various background.

Skills and Area of Expertise

- **Business Intelligence & Statistics**: R Studio, SAS Enterprise Miner, SAS Enterprise Guide, SAP BusinessObjects Web Intelligence, SAP BusinessObjects XI: Universe Designer, Talend BI
- **Data Manipulation Tools**: Talend Data Integration, Pentaho Data Integration, Syncsort, Open Refine
- **Programming Language & Scripting**: R, Unix, PHP, Java, C#, Javascript
- **Databases**: MySQL, Teradata, Oracle, MongoDB
- **Telecommunications**: Amdocs OCS, Mediation, CDR, Provisioning, Amdocs CRM
- **Language**: Bahasa Indonesia (mother tongue) and English (fluent)

Professional Experience

Prepaid Charging Revenue Assurance
PT. Telekomunikasi Selular (Telkomsel)
Greater Jakarta, Indonesia
May 2014 – August 2015 (1 year 4 months)
Provide root cause analysis of prepaid customers' charging profile anomalies using data collected from multiple departments in the company (> 100MM customer data). Working with people from IT, Business, and Finance Divisions. With own initiative, started project to reduce data processing time.
Achievements:
- Accelerated customer profile reporting time by 66%, improved accuracy to 100%.
- Improved Efficiency on Revenue Assurance Division Reporting by 50%.
- Physical Voucher Fraud Scheme Investigation
- Fraud Management System
- High P2P SMS Traffic Analysis
- Customer Charging Profile Management Web Monitoring
- Phase 3 OCS Log

Billing Data Quality and Integrity
PT. Telekomunikasi Selular (Telkomsel)
Greater Jakarta, Indonesia
January 2013 – April 2014 (1 year 4 months)

Monitor and analysis of postpaid offline and TAPIN rating and billing, monitoring network configuration for postpaid offline customers. Working with people at IT, Business, and Finance Divisions. Implemented data management procedures and developed web-based monitoring tools for Offline CDRs (Call Detail Records).
Achievements:
- Standard Procedural for Offline CDR Monitoring
- OCS Offline CDR Monitoring Web Tool
- Corporate Customers Provisioning SOP Design

Programmer
Government Fund for Education Monitoring and Evaluation Project
Surabaya, Indonesia
March 2012 – September 2012 (7 months)
Design and create desktop and web application to monitor government fund for education, delivering application which enable automated data transfer from Banks in Indonesia to centralized data processing hub. The responsibility includes data cleaning from over 100,000 schools.

Education

The University of Manchester
Master of Science (MSc) in Advanced Computer Science and IT Management with specialization in Information Management
2015-2016 (expected)

Institut Teknologi Sepuluh Nopember (ITS)
Bachelor of Science (B.Sc)
Computer Science with specialization in Software Engineering
GPA 3.75/4.00
2008-2012

Awards

- ITS Scholarship for Academic Excellence (2011)
- LPDP (Indonesian Endowment Fund for Education) Scholarship for Master's Degree (2014)

Trainings

- Syncsort - DM Express
- SAP BusinessObjects XI 3.0/3.1: Universe Designer (BOU310)
- SAP BusinessObjects XI 3.0/3.1: Universe Designer - Advanced (BOU320)
- SAP BusinessObjects Web Intelligence: Report Design (BOW310)
- SAP BusinessObjects Web Intelligence: Advanced Report Design (BOW320)
- MongoDB for DBAs (M102)