

Consultant Profile

also available in German: www.ibc-ruppert.de



Overview

Name	Markus Ruppert M.A.
Year of Birth	1973
Nationality	German
Location	Europe
Available	2010-10-01

Main Focus

Waste management	<ul style="list-style-type: none"> electronic waste verification procedure (“eANV”, part of the German confirmation act “Nachweisverordnung”) waste producer, carrier, waste disposal contractor, recycling company and disposals processes electronic data exchange with customers and business partners
Telecommunication	<ul style="list-style-type: none"> Order Management Postpaid, prepaid, DSP & resale processes IT-systems, architectures and interfaces
IT-Management	<ul style="list-style-type: none"> Business Process Management (BPM) incl. process modeling Developing and implementing IT-strategies Planning and managing IT-architectures IT-Project Management

IT Skills

Waste management	eANV: ZKS, VPS, ASYS, OSCI, XML, Dsig, SOAP, Webservice, Public Key Infrastructure (PKI), BMU-Interface, eANV middleware und portal provider: Länder eANV, Online-Begleitschein (ZEDAL), MODAWI, Dr. Wandrei NSUITE, FRITZ & MACZIOL eANV Portal, bifa Umweltinstitut eBegleitschein
Telecommunication	Processes: Webshop, Customer Care, Customer Self Care, Ticket-Center, Rating, Billing Systems: Webshop, App Zones, Order Management Systems (SAP & PegaPRPC), Intec Singl.eView Interfaces between Singl.eView, SAP and Order Management Systems to: EOS (credit card payments), SAF (debt collection), FOS (fraud detection), AES TKG § 112, VSS (shipping server), cDPS / BLW (switch orders T-Home Resale DSL and All-IP), QSC-Wham (QSC switch orders for DSL), QSC-VoIP, QSC-Radius, Itenos SMS-Gateway, T-Home Radius, IPMRS, Accumio (address verification), MNP-SP, X.400, ACS / IAD, Arvato (telephone book entry), T-Mobile Business Service Interface (BSI), X/TDS (E-Mail), RAM (T-Home VoIP Provisioning), RMC (creditworthiness/black-list verification), IVR Methods: Software Engineering Excellence (SEE): The ActiveBilling modelling guideline MI (Methodical Instructions)
Methods	Waterfall model, spiral model, agile software development, object-oriented analysis and design
Software-Architectures	Service Oriented Architecture (SOA), Model Driven Architecture (MDA)
Modeling Languages	UML, BPMN

Project Management	Defining goals, work breakdown structure (WBS), (PSP), estimating efforts, represent risks, operating schedule and resource planning, benefit-cost analysis, risk analysis, developing the reporting system and the controlling, change requests, integration of external resources, contracts, functional specification, call for bids, cost-utility analysis, moderation of meetings, handling conflicts Tools: Microsoft Project, Microsoft Office Project Server
Process Management	SA/SD (IDS Scheer ARIS-Toolset), Sybase PowerDesigner, PegaRULES Process Commander (PRPC)
Groupware	Lotus Notes, Microsoft Exchange, Microsoft SharePoint, Jabber, Skype
Databases	Oracle, MS-SQL-Server, Sybase IQ-Server, MySQL
Reporting	Business Objects Crystal Reports
Billing	Intec Singl.eView
ERP	SageKHK Classic Line, SAP R/3
Server	Apache, JBoss, Microsoft Project Server, Microsoft Exchange Server, Microsoft Small Business Server, Tomcat
Office	Microsoft Office (Excel, Word, PowerPoint, Visio, Outlook, Access, Publisher)
Hardware	RFID, barcodes, card readers, serial communication with Plant Information Management System (PIMS), traffic management systems, scales, redirection to IP, outdoor-terminals, receipt printer

Fields

Waste management, telecommunication,
automobile, finance, energy, real estate management, media, insurance

Languages

German	First language
English	Fluent, both spoken and written
French	Spoken: satisfactory, written: adequate

Education / Vocational Training

Academic studies in Political Science / Business Administration / Business Informatics, Johannes-Gutenberg University, Mainz
Degree: Magister Artium (M.A.)
Course of studies in Business Administration, specialization in Business Information Technology, European Business School (EBS), Germany
High School Diploma, Minnesota, USA

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Professional Experience

2009-2010	IT-Architecture and Process Management Consultation [Industry: Telecommunication]
Objective	Migration of the postpaid, prepaid, DSL & resale processes, IT-Systems and IT-Architectures from one Business Process Outsourcer (BPO) to the new one
Tasks	Coordination between the migration team and the BPO, Business Process Management incl. process modeling, Planning and managing IT-architectures, Organization and leadership in the IT-area, IT-Project Management
Technologies	Sybase PowerDesigner, PegaRULES Process Commander (PRPC), Intec Singl.eView, SOAP, Apache, JBoss, Microsoft Project, Oracle
2009-2010	IT-Strategy Consultation [Industry: Waste Management]
Objective	Planning and Implementation of the electronic waste verification procedure ("eANV", part of the German confirmation act "Nachweisverordnung") in several companies in the waste management industry
Tasks	market analysis, concept development, process management, workshops, software development, systems integration, training, project management
Technologies	Self developed software of IBC RUPPERT (eANV-Service), based on Tomcat, .NET, VBA and Oracle10g
2008-2009	Process Management Consultation [Industry: Telecommunication]
Objective	Implementation of workflow-monitoring (OrderCheck) with visualization (control center) for the prepaid and resale process of a telecommunication provider
Tasks	Modeling the process using UML in Sybase PowerDesigner, Develop a concept, bid proposal management, Implementation using the open-source software Nagios and miscellaneous add-ons (NagVis, NagiosGrapher, NagiosEventDB)
Technologies	Sybase PowerDesigner, Open-Source Software Nagios and miscellaneous add-ons (NagVis, NagiosGrapher, NagiosEventDB)
2008	Business Process Management (BPM) [Industry: Automobile]
Objective	Globalization of IT Project Structures between Asia, Europe and North America regions, in order to be able to compare similar IT-projects (i.e. SAP) in finance controlling
Tasks	Process management using the Business Process Modeling Notation (BPMN), analysis and documentation of the current state (information systems, structures and processes), modeling the target state, globalization of regional project structures in the production system
Technologies	Self Developments of the automobile manufacturer on the basis of SAP R/3

2007-2008	Systems Integration / Technical Advice / Software Development [Industry: Waste Management]
Objective	Integration of industrial terminals in a self developed waste management software, based on Oracle and VBA
Tasks	Business process modeling, technology consulting, market analysis, vendor selection, systems integration, software development, project management
2007-2008	Technology Integration / Software Development [Industry: Waste Management]
Objective	Electronic signature of relevant waste management documents (in compliance with Electronic Signature Directive (1999/93/EC and German SigG 2001)
Tasks	Market Analysis, requirement specification, business process modeling, software development, (upgrade of a self developed waste management software, based on Oracle and VBA), implementation of middleware components
2008	Technology Changeover [Industry: Waste Management]
Objective	Migration of a self developed waste management software, based on Oracle and VBA, from Oracle8i to Oracle Database 10g
Tasks	Set-up of a Test and Migration Environment, Customization of the Client-Server-Communication, Customization of Electronic Interfaces to third party software, Middleware
2007	IT-Strategy Consulting [Industry: Waste Management]
Objective	Analysis of the impact on IT processes of a recycling company of the new recycling management regulations (Change in the German law Kreislaufwirtschafts- und Abfallgesetzes – KrW-/AbfG)
Tasks	IT-concept: strategies for the implementation of the electronic verification procedure according to new waste management law, market analysis, technology vendor summary, final presentation
2005-2006	IT-Consulting [Industry: Energy]
Objective	Consultancy of a local power plant for the purpose of developing an enterprise resource planning (ERP) system, link-up of Windows CE handhelds, delivery identification via RFID
2004	IT-Consulting [Industry: Waste Management]
Objective	Consultancy about the opportunities and risks of a document management system (DMS) for a corporate group in the waste management industry
Tasks	Feasibility study: organizational implementation, economic feasibility (cost projections, finance), technical feasibility

2003		Software Development [Industry: Waste Management]
	Objective	Implementation of barcodes in a self developed waste management software, based on Oracle and VBA
	Tasks	Modification of the electronic data exchange (EDI) between government agencies, waste producers, waste carriers and waste management companies Installation and integration of barcode printers and scanners Software Development
2003		Software Development [Industry: Waste Management]
	Objective	Implementation of a complex container and stockpile management into a self developed waste management software, based on Oracle and VBA
	Tasks	Business process management: Optimization of the material flows between waste producers, waste carriers and waste management companies Implementation of an electronic data exchange (EDI) between business partners
2002		IT-Consulting [Industry: Waste Management]
	Objective	Consultancy in the development of a computer based land register and cadastre for a operating group of gravel pits, wood reprocessing plants, biomass power station,
	Tasks	IT-concept on the basis of Oracle8i, market analysis, coordination between business partners
1999-2002		Software Development [Industry: Waste Management]
	Objective	Design, construction, development and rollout of a multi client capable waste management software, based on Oracle and VBA with gateways to third party applications (financial management, human resources management, statistical process control, geographic information system) for several users of the waste management industry (waste incinerating plants, landfills, recycling plants)
	Tasks	Project management, business process management, analysis / requirement engineering, form of contract, determination of gateways and standards, software development, quality assurance, documentation
2001		Management Accounting [Industry: Real Estate/Insurance]
	Objective	Implementation of an extensive control conception used by the management of a subsidiary of a statutory health insurance to assure appropriate use of and accountability for its resources in a major project
	Tasks	Conception and implementation of qualitative and quantitative project management instruments, realignment of the information flow, analysis and preparation of informed decisions, interpretation and communication of information used by management to plan, evaluate and control within the project