

M. Serdar SARIOGLU

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Senior IT Infrastructure Architect & Security Expert

DevOps | Amazon AWS | Azure
Docker | Agile | Puppet | Chef | Git
Planning | Budget | Team Management

CISSP | ACSA | MCSE | CEH | CCNA | VCP
ERP | CRM | SAP | Production
Akamai | Distributed Systems | Security

Degree: MSc (Engineering Man.), BA (Electronics & Comm. Engineering)

Experience: IT Management, Cloud Computing, DevOps, Security

Worked Industries: Energy, Oil & Gas, Information Technologies, Telecom, Automotive

WORK HISTORY

Senior IT Architect & Security Expert, Exact NL (ERP – CRM Solutions on Cloud) 2016 – Present

- Responsible for Operational Availability of Exact Cloud Infrastructure (35,000+ Online Clients)
- Responsible for Technology Road Mapping, Budget Planning, Agile - Scrum Meetings
- Responsible for Reporting the Accounting Systems and Continues Deployments
- Managing AWS (EC2, Docker Containers, S3, VPC), Azure (Office 365, SaaS, PaaS, IaaS)
- Auditing SOC Reports, Security Instances, SLA and NDA Agreements, Compliance Checks
 - Migrating Infrastructures from Rack Space Hosted Model to AWS
 - Akamai Integration Project, Made Responses More Secure and Quick

IT Coordinator (Architecting & Security Expert), TUPRAS TR (Oil & Gas) 2008 – 2016

- Responsible for Managing Refinery IT/OT Teams
- Responsible for Supporting Production (ERP) and SAP Infrastructure
- Responsible for Cyber Security / Instance Reporting and SOC Teams Audits
- Involved in Designing and Managing a large variety of Infrastructures (8,000+ Clients)
- Responsible for Local (Infrastructures) - Public Clouds (AWS, Azure) Infrastructures
 - Completed RUP (New Refinery) US\$2.7bn IT Infrastructure On Time and Calculated Budget
 - Installed Big Data on AWS, Scales Automatically and Runs on Spot Instances for Production
 - Completed Mobile Datacenter Project 650K+ \$ (First Made in Turkey)
 - Completed ICS & SCADA Security Project, Able to Monitoring by 3rd Party SOC 7/24
 - Built Private Cloud with VCE and VMware, 400+ Machines are Running On-Prem Cloud
 - Completed ISO 27001 Certification and NIST 800-82 ICS Compliance
 - Managed KOC Holding Security Commission and Created Standards for Energy Companies

IT System Administrator, MIRA TR (Telecom) 2007 – 2008

- Managed IT Infrastructure (Servers, Firewalls, Network Devices, Backup) with %98 SLA
- Managed Active Directory, Exchange Infrastructures, Database Servers, SCCM & Web Servers
- Supported Branch Offices Network and Production Lifecycle
 - Solved Chronical Problems with Nagios & Bash Scripts, Improved Charging US\$15K per/month
 - Optimized Central and Branch Sites Topology, Implemented Backup & DR Plans

IT Network Administrator, Ford Motor Company TR (Automotive)

2006 – 2007

- Managed Dealer Intranet (Turkey's biggest with 200 sites and over 5,000+ clients)
- Managed Core Network, Cisco routers and IP Telephony Infrastructure by %99,96 SLA
- Managed Ford Production Line Linux Servers, WAN Links (Point-to-Point with England)
- Upgraded, Installed and Troubleshoot Networks Devices (IOS Upgrade, backup)
- Integrated Backup GPRS with Production and Dealer Networks (Improve Uptime %99.98)

EDUCATION & LANGUAGES

MSc; Engineering Management KOU (2012)

BA; Electronics & Communications Engineering (ECE), KOU (2006)

English: C2 | **Dutch**: B1

ADDITIONAL EXPERIENCE

➤ **Certifications**

VCP, VMware Certified Professional (Datacenter)

MCP, Microsoft Certified Professional

MCSA, Microsoft Certified Security Administrator

MCSE, Microsoft Certified Systems Engineer

CCNA, Cisco Certified Network Associate

CEH, Certified Ethical Hacker

CISSP, Certified Information Systems Security Professional

ACSA, AWS Certified Solutions Architect

CISM, Certified Information Security Manager – *(Not yet, Training)*

CCSP, Certified Cloud Security Professional – *(Not yet, Training)*

➤ **Awards**

Innovation Award, Mobile Datacenter *(First Made in Turkey)*

R&D Award, Based Ontological Analysis of IT Assets, EGE University

➤ **Vendors/Companies Worked With**

Cloud & System: Amazon, Microsoft, Linux, BSD, VMware, Citrix, EMC, VCE, Cisco

Security: Checkpoint, Symantec, Websense, Tenable, RSA, Safe Net, Deloitte

➤ **Associations**

Member, NIST Security Council – ICS Security Commission

Member, Institute of Electrical and Electronics Engineers, IEEE

Member, Turkey Civil Aviation Association

Member, Turkey Amateur Radio Association – *Type A License Holder (TA2NQN)*

Member, National Cyber Security Group

Member, Natural disasters and all other emergency conditions voluntary, AKUT