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Nationality : French

Age : 39

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SAMI DJEFFAL

CHIEF INFORMATION OFFICER

Profile

A highly skilled system architect and system engineer specialist, with 15 plus years of progressive leadership in a challenging environment, capable of resolving multiple and complex issues. Strong qualifications in linux administration, open source applications, incident and team management. During my career i was able to drive critical projects with high added value. My profile combines expertise in advanced technologies, technical project management scope and team management.

Work Experience

OutsourceTHINK.(By AdThink) Chief Executive Officer

2016 - Today

- Study, conception and development of an outsourced server management solution,
- Developed the LOG ANALYTICS PLATFORM solution for indexing logs from any source with real time analysis (ElasticSearch, LogStash, Kibana/Graylog)
- Business development,
- UX writing and content design of the website.

Chief Information Officer AdThink Group.

2007 - Today

ADTHINK - A major player of publishing and internet advertising, up to 150 employees, 1000 servers.

Main Figures :

- Adaccess : 120 million advertisement views per day,
- Big : 30 To of compressed datas, up to 15 Million cookie set per day,
- Mailkitchen : Up to 2 million emails sent per day.

Duties and responsibilities :

- Recruiting and managing a team of five engineers,
- Project management in high-stakes environments with high technical constraints (with up to 10 collaborators in each project)
- Driving meetings and defining roadmaps,
- Designing System's architectures,
- Optimizing budgets and production time,
- Writing technical documents : Roadmap, Specifications, Disaster Recovery Plan, Business Continuity Plan,
- Defining and implementing best practices,
- Deploying and training internal users with email best practices: CI/CD Pipelines,
- Managing over a thousand servers.

Projects and achievements :

- Optimizing server resources with cryptocurrency mining (Monero)
- Designing and implementing complex systems and servers architectures in order to meet the different requirements of scalability, availability and performance of the Group's projects,
- Managed the implementation of Real-time bidding architecture, (<http://www.advertstream.com/en>)
- Deployed a centralised and automation system using Puppet (805 nodes) (Workflow : Git, Jenkins, Puppet lint, PuppetBoard),
- Conducted and implemented a BIG DATA server infrastructure using Hadoop, (<https://big.exchange>)
- Directed the establishment of a centralised logging solution with Graylog and elasticseach, (3000 messages per second)
- Designed and implemented various NoSQL databases respecting the technical requirements specifications,
- Standardisation work on PCI DSS standard for the electronic banking platform,
- Engineering, designing and implementing the server architecture generating and sending millions of emails per day, (<http://www.mailkitchen.com>)
- Migration from Linux Virtual Server to Haproxy,
- Advanced system Tuning (OS, Apache, MySQL, Postfix etc...).

Linux System Engineer Advertstream

2005 - 2007

- Conceived and deployed the Adserver architecture,
- Implemented a load balancing system using Linux Virtual Server,
- Research and development of the MySQL Cluster solution,
- Set up a monitoring system using Cacti,
- Designed and implemented high availability architectures,
- Automated servers installation with Kickstart,
- Set up a virtualisation solution.

Skills

Databases and Web Servers

Hadoop
Hbase
Redis
MongoDB Cluster
Sphinx

MySQL
TokudB
Percona XtraDB
ElasticSearch

Memcached
Apache - phpfpm
Lighttpd
Nginx

Programming

Bash

Python

Php

Monitoring

Centreon / Nagios
Cacti

Business Intelligence
Capacity Planning

Sms and EMail alerts
Business Monitoring

Network

Haproxy
Linux Virtual Server
Wireshark

TcpDump
Varnish

Twemproxy
Iptables

High Availability

DRBD
Pacemaker/Corosync

Cluster

Raid

Virtualisation

VmWare

Lxc

Kvm

Various

Puppet
Graylog

Docker
Git

GlusterFS
Percona ToolKit

Systems

CentOS

RedHat

Debian

Languages

French : Native
English : Fluent

Arabic : Fluent

Japanese : Beginner

Education

Management expertise training : Savoir Motiver - Déléguer et Responsabiliser - Manager son équipe
2014 - 2015 EMLYON Business School

Master's Degree in Engineering Level 5 : Organisation et Protection des Systèmes d'Information de l'Entreprise (With honours)
2004 - 2005 Lyon II Lumière University
Cisco Certified Network Engineers (CCNE)

Master's Degree : Master en Informatique Appliqué
2003 - 2004 Science-U University

Three-year university degree : Certificat Supérieur en Informatique Appliqué
2002 - 2003 Science-U University

BTEC Higher National Diploma : BTS Informatique de gestion
2000 - 2002 Science-U University

Interests

- Play with opensource applications,
 - Chess,
 - Travelling : Travelled all over Asia and Europe,
 - Drawing.
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