Brini Hamdi

Senior Production Engineer – Technical Lead / System Integrator

Senior Production Engineer and Systems Integrator with over 11 years of experience in middleware and systems integration across diverse domains such as payment and biometric systems, covering both high-level applications and embedded technologies. Proven expertise in application maintenance, infrastructure security, performance tuning, and managing complex, mission-critical environments. Known for resolving critical technical challenges, driving innovative solutions, and leading major projects with autonomy, collaborative spirit, and composure under pressure.

# Work History

09/2021



- present

01/2019

- 08/2021

## Senior Production Engineer – Middleware & Applications Lead

### Orange OBS , Client DNUM, Paris

Supervised and managed over 200 critical applications deployed for governmental needs.

 Provided Level 3 support for incidents related to applications, middleware, OS, network, and security.

 Deployed and updated applications on Windows and Linux using delivered packages.

 Automated deployments via Ansible and Rundeck scripts.

 Installed, configured, and secured middleware components: Tomcat, Apache, PHP-FPM, ELK Stack, WebSphere, Nginx, RabbitMQ, WebLogic, CAS, Docker.

 Configured ELK dashboards (Kibana, Logstash, Metricbeat, etc.) with log retention rules (ILM).

 Managed SSL/TLS, authentication, and proactive certificate renewal.

 Implemented Keycloak + LDAP/Active Directory for centralized authentication and SSO.

 Ensured high availability and advanced monitoring of applications.  Patched vulnerabilities to maintain secure services.

 Managed batch jobs with VTOM, and monitored systems via Zabbix.

 Led technical workshops with project stakeholders and documented processes on SharePoint.

 Participated in 24/7 on-call duty to guarantee application uptime.

## Systems Integrator – Biometric Solutions

### IDEMIA, Osny (International Ministries of the Interior), Osny

MBIS Project :

 Integrated and qualified MBIS biometric solutions for international government projects.

 Developed a Java-based authentication mechanism using LawTrust fingerprint APIs (HANIS project).

 Managed Active Directory (Windows Server) and LDAP configurations.

 Automated deployments with Ansible in an OpenStack environment (BKA project).

 Built test data and qualification scenarios in Python.  Implemented HA solutions for AFIS services.

 Centralized logs using Rsyslog, Logstash, and Graylog.

MEVA Project : Morpho Eva Resident Card System

 Integrated and configured product for the Albanian governmant"

# Personal Info

#### Email

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#### Phone

0758131640

#### Address

Paris

# Skills

Middleware & Servers: Apache, Nginx, IIS, Tomcat, JBoss/WildFly, PHP-FPM

Authentication: LDAP, AD, Keycloak

Messaging Systems: RabbitMQ, Kafka

Monitoring & Logging: ELK, Zabbix, Grafana

DevOps & Automation: Ansible, Rundeck, Git, Bitbucket, Kubernetes

Scripting: Bash, Python, PowerShell

Scheduling Tools: VTOM, Cron

Database: PostgreSQL, MongoDB, MySQL, MariaDB

Cloud & Virtualization: OpenStack, VMware, vSphere

Supervision : Zabbix , Grfana Security: SSL/TLS, firewalld, iptables

Virtualisation & Cloud : OpenStack, VMware, VSphere

HA & Load Balancing: HAProxy, Heartbeat, Pacemaker

07/2017

- 12/2019

01/2017

- 06/2017

07/2016

- 12/2016

02/2016

- 06/2016

03/2012

- 07/2014

# Education

 Qualifiied product along with version delevirey."  Managed qualification using testLink"

## Developer & Integrator – Biometric Terminals

### AKKA Technologies (Client: IDEMIA), Osny, Osny

 Biometric identity verification at national borders : Built a RESTful J2EE web app (Jersey, Maven) to simulate failure scenarios on Android biometric terminals (MorphoSmart CBM – Indian project)

 Developed BatchScanner, a Java tool to scan biometric files for the South African project, integrating with MBIS and managing acquisition workflows.

## Support Engineer – CDG Airport

### AKKA Technologies (Client: Siemens), Roissy-en-France, Roissy- en-France

 Maintained and supported the baggage sorting system (TBE) at Charles de Gaulle Airport.

 Verified logs and databases via Oracle SQL Developer on HP-UX UNIX.  Tested IHM evolutions (IMS) via RDP on Windows Server 2008.

## Ruby Developer Consultant – RATP

### AKKA Technologies, Noisy-le-Grand, Noisy-le-Grand

 Enhanced a Ruby-based IHM for RER schedule monitoring (GOAL software).

 Designed test interfaces using Ruby TK and RubyMine, generated reports in text and HTML.

## Android Developer - Payment Terminals

### AKKA Technologies, Valence

 Built automated testing tools for Ingenico payment terminals.

 Developed an Android GUI app with an embedded HTTP server (NanoHttpd) to convert HTTP commands into PCL instructions.

 Implemented Bluetooth communication between smartphone and payment terminal.

## System Developer & Integrator

### CPT Engineering, Sousse

 Developed Java-based supervision software for embedded systems (wind turbines, smart breakers).

 Performed reverse engineering from C to Java (Pic18/Pic32-based systems).

 Worked on IMX6q development board using Yocto OS.  Developed communication protocols (e.g., IEC 61850).

Embedded Systems: Microchip, Freescale, Yocto OS

Testing Tools: TestLink, SoapUI, JMeter

# Languages

Anglais - B2 Français - C2

09/2014

- 09/2015

## Master’s in Embedded and Communicating Systems, Master Degree

### UTBM, ENSISA, Mulhouse

09/2010

- 09/2012

## Master’s in Industrial Systems Management, Master Degree

### ESSTHS – Hammam Sousse, Tunisia, Hammam Sousse

09/2007

- 09/2010

## Computer Science & Electronics, Bachelor’s

*ESSTHS, Hammam Sousse*