Brini Hamdi

Production Engineer N3 – Middleware & Application Specialist

brini.hamdi@gmail.com
0758131640

Poissy, France

Profile

Production engineer and systems integrator with over 10 years of experience in the development and integration of middleware solutions and systems, both at a high level and in the lower layers of embedded systems. Expert in maintenance, application optimization, managing complex environments, and securing infrastructures. Recognized for my ability to solve technical issues, propose innovative solutions, and lead large-scale projects, while demonstrating autonomy, teamwork, and calm under pressure

Employment History

Production Engineer N3 – Middleware & Application Specialist at Orange OBS (DNUM Client), Paris

09/2021

- Managing and supervising over 200 critical applications deployed for government needs in collaboration with Orange OBS. I am providing Level 3 support for application, middleware, security, and network incidents across various environments (CentOS, HPUX, RedHat, Rocky Linux).
- Automate deployments using Ansible and Rundeck scripts.
- Install, configure, and secure middleware components, including Tomcat, Elasticsearch (with Kibana, Curator, Metricbeat, Filebeat, Heartbeat, Logstash), Apache, LDAP, and Keycloak. I address vulnerabilities and apply security patches to maintain a reliable infrastructure.
- Manage batch jobs with VTOM and handle supervision tickets in Zabbix.
- Conduct workshops with stakeholders (TMA, project managers, technical leads) to resolve issues. I monitor technical projects from inception to production and document processes on SharePoint.
- Ensure the availability of critical applications through 24/7 on-call support, guaranteeing continuous services.

System Integrator at IDEMIA (The Interior Ministers of multiple countries Clients), Osny

01/2019–08/2021

Integrate and qualify biometric solutions : MBIS deployed for international Ministry of Interior projects.

- Development of a Java-based authentication mechanism on an existing AFIS system using a fingerprint device (LawTrust API with a biometric device scanner) for the HANIS project.

Skills

Middelware & Applicatif : Tomcat , Jboss , Apache , Ldap, serveur IIS, Elasticsearch, Keycloak, logrotate	5/5
Operating Systems : Linux (CentOS, Rocky Linux , Redhat), Windows Server	4/5
Development: Java (SE, J2EE), Python, Android, C#, Ruby	4/5
Ticketing Tools : Jira, EeasyVista	4/5
Qualification tools : Testlink , Jira	4/5
Automation & Scripting: : Ansible, Python, Bash, Rundeck, Jenkins	3/5
Scheduling: VTOM, Cron	3/5
Monitoring : Zabbix , Grfana	3/5
Databases : PostgreSQL, MongoDB, MySQL, MariaDB	3/5
Virtualisation & Cloud : OpenStack, VMware, VSphere	3/5
Embedded System : Microchip, Freescale products , Yocto OS	3/5

- Management of Active Directory (Windows Server) and LDAP configurations.
- Automation and deployment of system applications using Ansible in an OpenStack environment for the BKA project.
- Creation of test data and qualification scenarios with Python.
- Testing high availability (HA) for AFIS services.
- Implementation of centralized logging solutions with Rsyslog, Logstash, and Graylog..

Contributed to the MEVA project for the French government, focused on delivering resident permits, qualifying the project using TestLink test plans, and managing tickets through EasyVista.

Developer & System Integrator at AKKA Technologies (IDEMIA Client), Osny

07/2017–12/2019

- Development of a RESTful J2EE web application (Maven, Jersey framework) to simulate failure scenarios and manage their handling in an Android application dedicated to fingerprint identification using Morpho biometric terminals (MorphoSmart CBM) for the Indian project.
- Development of a java application : BatchScanner to process biometric files for the South African project, adhering to quality standards and integrating the files into MBIS, including acquisition and workflow management for the South African project

Support Engineer – Charles de Gaulle Airport at AKKA Technologies (Siemens Client), Roissy-en-France

01/2017–06/2017

- Maintain and support the TBE baggage sorting system.
- Verify the functioning of TBE servers (HP-UX) and review logs and database states using Oracle SQL Developer.
- Test user interface upgrades for control systems via remote desktop connections.

Ruby Developer Consultant at AKKA Technologies (RATP Client), Noisy-le-Grand

07/2016–12/2016

- Develop and improve a testing interface in Ruby for RER offer management.
- Design and implement functional and technical verifications with reporting in text and HTML formats.

Consultant Developer at AKKA Technologies(Ingenico Client), Valence

02/2016–06/2016

- Develop Android and iOS tools for testing Ingenico payment terminals.
- Create an Android interface with an embedded HTTP server for PCL command interpretation and Bluetooth communication with payment terminals.

Developer & System Integrator at CPT Engineering, Sousse

03/2012–07/2014

- Development of supervision software for embedded industrial systems (electric grids, wind turbines) in Java, using a DSPIC 33FJ microcontroller.
- SGA in reverse engineering: Performing reverse engineering of a project from C to Java for the supervision of intelligent circuit breakers based on Microchip's Pic18 and Pic32 microcontrollers.
- MX6Q Project: Study and master the use of the development board with the Yocto OS.
- Development of communication protocols (IEC 61850) to be implemented on Microchip family microcontrollers.

Education

Master 2, UTBM, ENSISA , Mulhouse

09/2014–09/2015

Master's in Embedded Systems and Communications

Master 2, Ecole Supérieure Sciences et Technologie , Hammam Sousse

09/2010–09/2012

Master's in Industrial Systems Management

Ecole Supérieure Sciences et Technologie, Hammam Sousse

09/2007–09/2010

Bachelor's in Computer and Electronics Applications