Oumar Sall

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OBJECTIVE: Senior Application Developer

EDUCATION

BS in Computer Engineering/Computer Science   May 2017

University of Louisville - J.B. Speed School of Engineering, Louisville, KY   GPA 3.64/4.0

Associate in Science   May 2012

Jefferson Community and Technical College, Louisville, KY   GPA 3.85/4.0

Skills

- HTML$^{(A)}$ CSS$^{(A)}$ Bootstrap$^{(I)}$
- JavaScript$^{(I)}$ JQuery$^{(I)}$ NodeJs$^{(I)}$
- Angular$^{(B)}$ Express$^{(B)}$ MongoDB$^{(B)}$
- Java$^{(A)}$ C#$^{(A)}$
- TFVC$^{(A)}$ Git$^{(I)}$

- GitHub$^{(I)}$ Bitbucket$^{(I)}$ TFS$^{(I)}$
- Eclipse$^{(A)}$ Visual Studio$^{(A)}$ VSCode$^{(A)}$
- SQL$^{(A)}$ SQL Server$^{(I)}$ T-SQL$^{(B)}$ Oracle$^{(I)}$ PL\SQL$^{(B)}$
- Windows$^{(I)}$ Linux\Unix$^{(I)}$
- Cmd$^{(I)}$ PuTTy$^{(I)}$ Git Bash$^{(I)}$

A = Advanced   **I** = Intermediate   **B** = Beginner

WORK EXPERIENCE

United Parcel Service, Louisville, KY   Dec 2016 – present

- FDA C# Windows Form (Upgrade)
  Flight Data Acquisition is used for pulling data off the aircraft QAR (Quick Access Recorder) (PC cards).
  Data is analyzed for safety and corrective action taken if needed.
  Provided centralized error handling and logging for the FDA workstations.
- ASAP Reporting C# Windows Service (Migration)
  ASAP is a safety program for the Airline Safety Action Program.
  This interface monitors the AQD database for closed ASAP report that meet the DNAA criteria, creates de-identified XML report files. It is multi-threaded C# Windows Service application
- DNAA Reporting C# Windows Service (Migration)
  DNAA is a safety program for the Distributed National Airline Safety Action Program.
  This interface monitors the AQD database for closed ASAP report that meet the DNAA criteria, creates de-identified XML report files. It is single threaded C# Windows Service application
- ATSAP Reporting C# Windows Service (New)
  ATSAP is a voluntary and confidential safety program for Air Traffic Control (ATC) safety data.
  This interface monitors the AQD database for closed ASAP report that meet the ATSAP criteria, creates a de-identified XML report file, and sends the data to the ATSAP database.
  Per agreement, data is exchanged back and forth between airlines and the governing body.
  It is multi-threaded C# Windows Service application
- HLCS Baseline Creation C# Windows Form (Migration)
  The High-Level Control System (HLCS) is UPS sort engine that moves millions of packages a day has three types of sort: Night sort (1DA), Day sort (2DA) and Sunday sort (Sunrise). Data are collected at the end of each sort and HLCS Baseline Creation Application creates a set of HLCS production data used to replay HLCS messages in production environment or production like environment using HLCS SRS software. The HLCS Sort Replay Suite application replays the HLCS messages and creates data used to generate compare reports.
- HLCS SRS Compare C# Windows Form (Migration)
  HLCS SRS Compare application that creates compare reports and highlights the data differences between the two environments after an SRS run is complete. Then HLCS team analyzes the differences to either validate or fix the HLCS patch release.
- APT and SSPS C# ASPNET MVC Websites and Web API (Upgrade)
  The Automated Pulled Times (APT) gives the Worldport operations the ability to automatically close small loads at positions based on the departure time of the aircraft planned for the load at the position. On the other hand, The Standard Sort Parameter (SSPS) maintains and distributes sort parameters including but not limited to Air Hub Control System (AHCS) environment, Start Time and End Time to dependent system requiring this information. APT as well as SSPS are C# MVC websites and web services and use configuration files for app parameters like db passwords, db servers, so on, which are updated quarterly when a need arises.
- APT Heartbeat Monitor C# ASPNET MVC Website and Web API (New)

The APT Health Monitor Screen looks after two jobs that APT depends on: one job coming from HLCS and another form HubCam. The APT Heartbeat Monitor notifies HLCS support team when one or both of them are down for maintenance purpose.

- SRS runs for HLCS quarterly releases
  HLCS team builds patches or fixes quarterly and needs testing and validation before production deployment. So, SRS runs are done in Engineering Lab as well as in Prod every time validation is needed.
- APT and SSPS code migration to git
  HLCS group changes remote repository version control from TFS to git due to projects solutions dependencies issues that TFS causes when code is checked out. This initiative focuses on moving the applications code to git.
- 2016 SRS server's migration
  WSM team (Windows Support Management) are migrating HLCS SRS 2008 Windows serves to 2016 Windows servers. This project is about testing and validating all the applications that an SRS run depends on in Test net before the SRS 2016 Windows servers migration takes place in production.

Lexmark International, Inc., Lexington, KY   May 2015 – Aug 2015

- Printer Security Configuration Application
  Printer Security Configuration Application is Java application that produces an appropriate security configuration file for Lexmark printers and deploy that file using a socket. It leverages Windows Active Directory network services such as Kerberos and LDAP to generate a security configuration file understood by Lexmark printers embedded web servers.

Hilliard Lyons, Louisville, KY   Jan 2015 – May 2015

- Enterprise Software Catalog
  The Enterprise Software Catalog (ESC) tracks 133 applications and jobs for Windows Server 2012 migration initiative. The IT department uses this web application to store all applications that the firm bought or built.
- 2012 Windows server migration
  This migration focuses on rewriting ColdFusion Web pages to Visual Basic ASP.NET web pages which are compatible with Windows server 2012.
- OnBase
  OnBase is Hilliard Lyons content management system created by Hyland Software. The IT department supports and monitored OnBase and even builds applications from it for the company internal needs.

Toyota – **TEMA,** Georgetown, KY   Jan 2014 – May2014

- Maintenance management System
  This application uses Maximo 7.5 IBM software to automate Global Assembly Line control (GALC) printers' preventive maintenance management system. This application manages company assets and helps prevent maintenance.
- Internal Logistics Management System
  The Internal Logistics Management System (ILMS) tracks Toyota car parts delivered for production. The ILMS application uses ScanNGo Intermec software to configure scanners, upgrade firmware and install ILMS software.

HONORS AND ACTIVITIES

- Phi Theta Kappa Fraternity, JCC (J2011)
- African American Student of Excellence, JCC (2012)
- High Distinction Award, JCC (2012)
- Speed School Dean's list, UofL (2012)
- Academic Excellence Award, UofL (2013)
- Blaine Hudson Scholar, UofL (2013)
- Speed School Honor Scholar, UofL (2013)

- Hobbies: Writing code, Recreational soccer and basketball player
- UPS IT Hackathon 2017
- UPS IT Hackathon 2019
- VEX Robotics Competition Word Championship