

# JESSICA CLAIRE

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## PROFESSIONAL SUMMARY

- Over **7 years** of professional experience in full SDLC development involving requirements analysis, design, development, testing and implementation of various applications.
- Experience in Server infrastructure development on AWS Cloud, extensive usage of **EC2, IAM, S3, EBS, Route53, ECS, VPC, Cloud Formation, Cloud Watch, Lambda, SNS, SQS, Cloud Trail, AWS Config**.
- Build servers using AWS, importing volumes, launching EC2, **RDS, creating security groups, Auto-scaling, Elastic load balancing (ELB)** in the defined virtual private connection.
- Provisioning EC2 instances and have Experience on all resource areas of EC2 like Instances, **Dedicated hosts, volumes, Key pairs, Elastic IP's, Snapshots, Load Balancers and Security Groups**.
- Experience in Creating **JSON templates** in **Cloud Formation** to manage AWS resources.
- Experience with **Ansible** playbooks to automate the entire deployment process as well as the infrastructure.
- Experience in **Ansible** to manage AWS environments and automate the build process for core AMIs used by all application deployments including **Auto scaling, and Cloud formation** scripts.
- Managed Deployment automation using **Packer-Docker** and **Terraform** involved in automated deployments of EBS on to the AWS Cloud Ec2 instance server and automated the complete deployment environment on AWS.
- Write **Terraform** scripts from scratch for building Dev, Staging, Prod and DR environments.
- Experience with Configuration Management/Automation tool **Ansible** and has worked on integrating Ansible YAML Scripts.
- Working expertise on all aspects of **Ansible** concepts like Control Node, Managed Nodes, Inventory, Modules, Tasks, **Playbooks** etc
- Experience in the configuration of the **AWS SDK (Boto3), AWS-CLI**.
- Good Exposure on **Vagrant & Docker** based container deployments to create environments for dev teams and containerization of environment delivery for releases.
- Experience with containerization and clustering technologies like **Docker** and **Kubernetes**.
- Used **Docker** to implement a high-level API to provide lightweight containers that run processes isolation and worked on creation of customized **Docker container images**, tagged and pushed the images to the Docker hub.
- Hands on experience in **Open Shift containers**, maintaining pods and managing **Kubernetes** in automating deployment, scaling and management of Containerized applications.
- Extensively worked with source code Version Control tools like **SVN** (Subversion), **GIT, GitHub, Bitbucket**.
- Expertise in using build tools like **Ant, Maven and Gradle** for the building deployable artifacts such as Jar, War, Ear and Zip extension files.
- Worked with **Docker and Kubernetes** on multiple cloud providers, from helping developers build and containerize their application (**CI/CD**) to deploying either on public or private cloud.
- Extensively worked on creating CI CD pipelines using Jenkins for building, validating and testing the **Cloud formation** templates, **Ansible** Playbooks.
- Implemented **CI/CD** process using CDP process for global development team, allowing for dozens of code updates per hour with zero downtime.
- Created **CI/CD pipelines** and setup auto trigger, auto build and auto deployment with the help of the CI/CD tool like **Jenkins**. Implementing new projects builds framework using **Jenkins** as build framework tools.
- Easily mingle with the newly evolved technologies in the market.
- Convenient with Agile Methodology Environment, Scrum Master.
- Good Knowledge of **scheduling the task in Jenkins**, Linux environment using **Cron** jobs.
- Pretty well knowledge on web servers like Apache and application servers like **Web logic, Tomcat, WebSphere** to deploy code.
- Configured the **Jenkins** file to schedule periodic jobs daily and report to the team in case of build failure.
- Rehydrate the AMI of the instances using Jenkins job in QA and PROD environments.
- Work experience on **Web Sphere Data power, Message Queue**.
- Have good knowledge of Banking Domain that makes me comfortable to understand the business and functional requirement of application.
- Having sound knowledge on every process of **Datapower** appliances like **SSL certificate management**, Raising **ITSC request** to procure **SSL certificates, Domain backup** and service flow.
- Enthusiastic to learn new technologies and work under pressure.
- Involved in functional and non-functional requirement clarification with business analysts.
- Worked on developing the **Web Services, Multi-Protocol gateway, XML Firewall** in **DataPower**.
- Familiar with **AAA, SSL proxy profile, SLM**.
- Security concepts (Single sign-on, digital signatures, encryption/decryption, PKI, SSL)
- Knowledge of **Web Service standards** (WSDL, SOAP 1.1, 1.2), **XSD, XPATH, WSDL, XSL, and ESQL**.
- Good exposure in **Datapower XI50, XI52, IDG 7.6** development on requirement analysis, requirement gathering, Design, Build, Unit testing and implementation phases of the project.
- Troubleshoot and debug services using the problem determination tools, logs, and probes provided with the DataPower.
- Interested towards the new technologies which are raised newly in the market.

## SKILLS

**DevOps Tools:** Puppet, Chef, Ansible, Vagrant, Docker and Splunk  
**Cloud Technologies:** Amazon Web Services, OpenStack, OpenShift  
**Programming Languages:** Java, C/C++, HTML/HTML5, JavaScript, CSS/CSS3 and Styling  
**Scripting Languages:** PERL, Ruby, Python, Shell Programming  
**Web/App Servers:** Apache, Tomcat, IIS, JBOSS  
**Operating Systems:** UNIX, Linux, MS DOS, Windows 2012, 2008 Server

**Database:** Oracle, SQL, Enterprise NoSQL, Cassandra  
**Version Control Tools:** TFS, SVN, GIT, GITHUB, Perforce.  
**Tools:** CyberArk, SpringBoot, Jira, Hibernate, Oracle, Oracle DB, SQL Developer, JSON, React  
**Build& Release Engineering / DevOps:** MAKE, Jenkins, Cruise Control, Remedy, Puppet, Fish eye, AWS, Nagios, Nexus, Rally, Chef, Ant, Maven, Gradle, HUDSON, MS Build, Docker, ANTHILLPRO, and BAMBOO.  
**Monitoring Tools****Spunk, Nagios:** Virtualization/ContainerVagrant, Docker, VMware

## WORK HISTORY

- 01/2019 to Current    **DevOps Engineer**  
**Xylem Inc.** – North Little Rock, AR
- Involved in designing and deploying a multitude applications utilizing almost all of the **AWS** stack (Including **EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM**) focusing on high-availability, fault tolerance, and auto-scaling.
  - Built **S3** buckets and managed policies for S3 buckets and used **S3 bucket and Glacier** for storage and backup on **AWS** .
  - Install and configure chef server / workstation and nodes via **CLI** tools to **AWS** nodes.
  - Writing reusable, testable, and efficient code in Python & Javascript.
  - Worked on **JIRA** for defect/issues logging & tracking and documented all my work using **CONFLUENCE** .
  - Integrated services like **GitHub** , **AWS CodePipeline** , Jenkins and AWS Elastic Beanstalk to create a deployment pipeline.
  - Created users and groups using **IAM** and assigned individual policies to each group.
  - Created SNS notifications and assigned **ARN to S3** for object loss notifications.
  - Created **load balancers (ELB)** and used **Route53** with failover and latency options for high availability and fault tolerance.
  - Experience in setting up the **Continuous Integration (CI)** and **Continuous Deployment (CD)** practices. for Release Automation of Java and Oracle Fusion Middleware Applications (**Oracle ADF, Oracle SOA, OSB**)
  - Setting up private networks and sub-networks using virtual private cloud (VPC) and creating security groups to associate with the networks.
  - Design **AWS Cloud Formation** templates to create custom sized **VPC** , **subnets** , NAT to ensure successful deployment of Web applications and database templates
  - Coordinate/assist developers with establishing and applying appropriate branching, labeling /naming conventions using **GIT** source control.
- 03/2017 to 10/2018    **Sr. Risk Analyst**  
**Mechanics Bank** – Arroyo Grande, CA
- Analyze credit risk associated with auto dealerships by utilizing both internal and external customer performance data and internal loss models; adjust pricing strategies according to associated risk of losses. Resolving tickets related to customer or merchant issues.
  - Interface with multiple business meetings to collect, review and analyze the most updated financial information.
  - Investigate current underwriting strategies to evaluate, optimize and develop new techniques to control portfolio performance and reduce risk of dealership default Present risk assessments to senior management throwing emails or meetings.
  - Conducted comprehensive analysis on the static pool tracking, risk analyses and industry trends and reported to Treasury.
  - Data Gathering and Analyzing the data to find validation of the case.
  - Supported assessment of profitability of different sub- populations of the portfolio based on product, term , sop (system of procedure) and other important segmentations.
  - Performed analysis on the applications, originations and portfolio performance trends (i.e., charge off and delinquencies) using Excel, external and internal tools.
  - Trained co-workers on new system for KT ( knowledge transfer).
  - Identified theft/Fraud patterns, saving company and merchants thousands of dollars.
- 01/2016 to 03/2017    **Human Resources Manager**  
**Atco** – Tx, TX
- Collaborated with legal and compliance teams to review paperwork, obtain feedback and procure available information for new training processes.
  - Conducted hiring practices including recruiting, screening, interviewing, and new hire paperwork
  - Monitored and handled all employee claims, including performance-based and harassment incidents.
  - Directed and controlled various benefit programs, including retirement/pension plans, medical, dental, and vision packages.
  - Discovered and resolved complex employee issues that affected management and business decisions.
  - Maintained 100% protocol and procedural accuracy through HRIS management tools
  - Enhanced team workflows and employee job satisfaction by coordinating communication between managers and employees.
  - Process payroll for semi-monthly and monthly employees
  - Processed vital HR functions including leave, terminations, relocations and promotions

## EDUCATION

- 05/2021    **MBA: Management Information Systems**  
**Concordia University Wisconsin** - Mequon, WI  
Project:
1. Data Communication and Networking:
    - Conducted risk assessment on network configuration, performance and fault management.
    - Studied common error detection and correction methods.
    - The overall process of designing and implementing a network.
    - Linking the application layer, segmenting, and session management
  2. Financial Management:
    - Evaluated the importance of all the organization's stakeholders in the value proposition.
    - Outlined Strategies that the financial manager should understand and potentially utilize to protect an organization and increase its value. Several well-known and non-project based financial decisions are "poison-pills", dividends, stock options, and stock buybacks.
    - Evaluated the need for capital in an organization and described the difference between the debt and equity markets.
- 05/2016    **Bachelors of Technology: Computer Science And Engineering**  
**DRKCET** - Hyderabad, India  
Project:
1. AUTOMATIC TEST PACKET GENERATION: (ATPG)
    - ATPG is a tool inside the network framework that can auto generate test packets.
    - Test packets are introduced into the network before sending the actual data.
    - ATPG helps find the weak layers in networks and helps in finding secure connections
    - Once the test packets are received, we can choose the best route to send the original data so the data wouldn't be lost or stolen.
    - Deals with Network Security and Enhance High level Configurations.