

Joanna Pearl Senseng

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🐙 jsenseng.github.io/

Proficiency

Code: Python, Git, C#, HTML, CSS, React.js, Node.js, Ansible, Bash, SQL, PostgreSQL

Platform: Ansible Automation Platform, AWS, Chef, Dynatrace, Jenkins, Kubernetes, OpenShift, MuleSoft Anypoint Platform, Net-Suite, ServiceNow, Splunk, SQL Server, Tableau, Power BI, MS SQL Server, Postman, GitLab, GitHub

IT/Business: Agile Development, Analytics, Project Management, Process Engineering, System Analysis, IT Audit, Networking

Language: English, Tagalog, Spanish

Education

Virginia Commonwealth University, B.S. Information Systems

Experience

Federal Reserve Bank | Richmond, VA (Remote)

Solutions Engineer, Integration Developer, Automation Engineer

August 2019–Present

- Reduced toil by 50-90% for cross-functional teams by identifying, quantifying, and developing automation solutions (Ansible, Ansible Automation Platform, API, Python) to on premise and cloud environments
- Increased application and infrastructure resiliency and stability by providing self healing solutions (Dynatrace, ServiceNow, bash, python, Ansible, and Event Driven Ansible)
- Increased ITAM and ITSM automation ROI by developing Ansible modules (python) and leveraging ServiceNow Flow Designer
- Increased application uptime by performing monthly patch release (blue-green deployment) in AWS (Route 53, EC2, ELB, Cloud-Formation, and Auto Scaling)
- Supported and increased security for critical, web based applications owned by FRB Markets and FedLine using MuleSoft Anypoint Platform (develop Mule Projects using JWT), Postman, and Ansible Automation Platform (Ansible, Python, API)

CoStar Group | Richmond, VA

Automated Data Collection Engineer

May 2018-August 2019

- Extracted data by developing web crawling solutions (Python, Scrapy, Content Grabber) enhanced with techniques for handling dynamic content, pagination, and URL traversals
- Augmented 1.5 million CRE records by implementing ETL on data obtained from web crawlers (MS SQL Server and stored procedures) and improved solution for percentage of confidence for data reconciliation
- Led and expanded team by developing KPI dashboards (MS SQL Server Reporting Services) and routinely pitched to leadership
- Partnered with a UX designer to build a responsive application (React.js) to supplement tasks of USA and UK CRE researchers

Whitlock | Richmond, VA

IT Intern

August 2017–May 2018

- Migrated legacy ERP platform to NetSuite according to project schedule and addressed scope creeps
- Developed comprehensive test plan and test use cases to ensure accurate data
- Improved user experience by collaborating and sharing feedback with the platform developers and research team
- Generated documentations for training and QA process

ECMC College Abacus | Washington, D.C.

Product Development Intern

May 2015-August 2015

- Accomplished weekly and monthly goals of expanding Net Price Calculator availability of 48,000+ post-secondary institution
- Developed comprehensive test plan and test use cases to ensure accurate data
- Improved user experience by collaborating and sharing feedback with the platform developers and research team
- Generated documentations for training and QA process