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**PROFESSIONAL SUMMARY:**

* **7+ years of experience as an Azure DevOps Engineer and coding with analytical programming using Python, Java, C++.**
* Strong Knowledge of the **Software Development Life Cycle (SDLC), Agile Methodologies** and Familiar with concepts and devices such **routers, switches and TCP/IP protocols** and OSI layer.
* Experienced in Web Development **Azure Cloud, Azure Functions,Azure Pipelines,** **Amazon Web Services (AWS),Terraform Scripts,REST API’s, Docker, Kubernetes, Docker, Python, Powershell,Java SE/EE, Real Time Monitoring like HP BSM, HP SiteScope** and Extensive experience in Open-source REST, APIs and **Cloud integrations** in **Python**.
* Experienced in developing applications **using Azure,Azure Logic Apps**,**Puppet,Amazon Web Services (AWS**) like **EC2, Cloud Search, Elastic Load balancer ELB, S3, VPC, RDS, CloudFront.**
* Actively involved in **Automating the deployment procedure** and handing off the environments.
* Experieneced in working with **Azure DevOps Pipelines and Service,Python and Powershell Scripting,Kubernetes Services(AKS),GCP Cloud as it provides Infrastructure as a Service,platform as a service and also on serverless computing environments**.
* Hands on experience with **Microsoft Azure Cloud Services** in managing the applications.
* Hands on experience with **DevOps Azure**,**GitHub,Git** **Spring MVC, Spring Security, Concourse,Team Foundation Server (TFS) and IIS Manager** in deployment procedures.
* Experienced in object-oriented programming (OOP) concepts using Python and C++.
* Hands on experience **in working with Webserver Upgrade from 2009 to 2019.**
* Experienced **on F5 load balancer routing patterns for new servers.**
* Experienced in developing systems built on **Microsoft** **SQL Server 2014, 2012,** **2008** using Tables, Triggers, Views and Stored Procedures in SQL and maintaining the database, including requirement analysis, design, data conversion, loading and implementation.
* Worked on managing **REST API’S**, **SOAP UI Webservices** and **Kendo UI (2016.1.225) Designing**.
* Hands on experience in working with **Splunk, GitHub, BitBucket, GitLab and Git Repositories.**
* Involved in working with **Agile, Scrum,** and **Test-Driven Development** environment.
* Experienced with common tools like **GitBash, Git Extensions, Source Tree, Visual Studio 2015, 2017, Visual Source safe and TFS.**
* Experienced with **Ansible** and **Terraform** for infrastructure automation. Proficiency in writing SQL queries (T-SQL, PL/SQL programming), tables, view, functions, triggers, stored procedures using relational databases like **MySQL, SQL Server, Oracle, RDS, PostgreSQL**.
* **Experienced in migrating to Cloud** and with design and development of presentation layer for web applications using Python.
* Experienced in using containers like **Docker** and with **Jenkins**.
* Experienced in **Jenkins pipelines** to drive all **microservices** builds out to the **Docker registry** and then deployed to **Kubernetes**, Created **Pods** and managed using **Kubernetes**.
* Implemented multiple **CI/CD pipelines** as part of DevOps role for on-premises and cloud-based software using **Jenkins, Chef and AWS/Docker.**

**TECHNICAL SKILLS:**

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| Languages | Python, C, C++, |
| Operating systems | Windows, Linux (Ubuntu), CentOS |
| Python Computing Libraries | SciPy, Matplotlib, python- twitter, Pandas Data Frame, Network, urllib2 |
| Frameworks | Django, Flask, Web2py, Pyramid, Cubic Web |
| Web Technologies | Python, JSP, HTML, CSS, JavaScript, jQuery, Shell Scripting, |
| Build Systems | Maven, ANT |
| Version Control/CI Tools | SVN, Git/GitHub, Subversion (SVN), Jenkins. |
| IDEs Tools | Sublime Text, Spyder, Eclipse, Django, Python IDLE |
| Web/Application Servers | Apache Tomcat, WebSphere, WebLogic |
| Containerization tools | Docker |
| Testing Tools | Robot, Selenium (Selenium WebDriver, IDE), Mockito, VB Script |
| Bug Tracking Tools | Jira, Bugzilla |

**PROFESSIONAL EXPERIENCE:**

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| **Attorney General of Texas (OAG) - Austin, Texas**  **Azure DevOps Engineer** | **Oct 2020 – Present** |

**Responsibilities:**

* Work as a **Sr.Azure** **DevOps Engineer**, set up and manage **Linux and Windows servers**, building and supporting web SaaS solutions based on Linux/Unix platform in a **Cloud (AWS)** ,**Azure** and on-premise, experience on server infrastructure migration, monitoring and securing.
* Extensively worked on **building pipelines** using **Jenkins for automating** the deployments.
* Involved in automating, supporting to ensure **CI/CD** in product developing using tools as **Ansible**.
* Orchestration and migration of **CI/CD processes** using **Cloud Formation** and **Terraform.**
* Experienced in working with **Azure Cloud, AzureDevOps Pipelines, Python Scripting,Terraform, Kusto Query Language(KQL),Ansible** as **Configuration management tool**, to automate the repetitive tasks, quickly deploy critical applications, and enthusiastically managed the changes.
* Experience in providing POC's to provision the **AWS infrastructure** using **Ansible playbooks** which includes checking the health status, monitoring and gathering facts about the **ec2-instances**, **elastic load balancers**, auto **scaling groups** and other **AWS resources**.
* Experienced in working with different clouds such as **Azure Cloud, Azure EventGrid,Azure Sentinel and Service, Azure Functions, Azure Logic Apps,Kubernetes Services(AKS),GitHub,Git,** **GCP,AWS and Azure Cloud Services for managing and maintaining applications.**
* Experienced in **Terraform,Virual Private Cloud for managing the software defined network of Cloud Services.**
* Experienced in working with **Python,Powershell,REST API’s for API management and scripting.**
* Experience in integrating code quality tools such as **SonarQube** in **CI/CD pipelines**.
* Onboard numerous applications into **SonarQube** and help maintain the **SonarQube** installation. **Experienced and involved in Access Management and implementation with** tools such as Okta ASA, Okta Identity, and CyberArkfor applications.
* Hands on experience in **Puppet,Ansible,Kubernetes,Docker,AWS**, **migrating to new servers from 2009 to 2019** and involved in **Webserver Upgrade Project.**
* Created **AWS S3 buckets**, performed folder management in each bucket, Managed cloud trail logs and objects within each bucket.
* Actively involved in **Automating the deployment procedure** and handing off the environments.
* Experienced in working on **Web Config transformations related to different** environments**.**
* Extensively worked on **Service fabric layer using Microsoft Azure Cloud Services.**
* Deployed, Managed **and** maintained applications **using Microsoft Azure Services aligning with DevOps.**
* Worked as a member of DevTecOps Team to engineer the software deployment process along with **maintaining and updating deployment platforms and plugins.**

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| **APHP Virginia/Accenture -Austin, Texas**  **Azure DevOps Engineer** | **March 2020 – Sept 2020** |

**Responsibilities:**

* Involved in full **Agile**, **Scrum** and **Waterfall** methodology to produce high quality software mode.
* Deployed and involved actively in **DevOps Azure** **Pipelines,Azure Functions**, **Azure Event Grid**,**PROD Deployments, DR, DORP,SECTEST,Conversion** Environments.
* Hands on experience **Splunk in** **python and Terraform scripting and handing over those scripts** to Developer team.
* Also, participated and involved in **Synthetic Real Time Monitoring like HP BSM, HP SiteScope,** **python coding sessions** during the project development.
* Hands on experience with **Puppet**,**Team Foundation Server (TFS) and IIS Manager** in deployment procedures.
* Had experience and knowledge **of working with F5 load balancer and routing patterns.**
* **Experienced in working with python, powershell,REST API’s** and **developing DEFCON tool and Ant,Maven,Bamboo** **for DevOps team** to create Build Scripts Automation.
* Had experience in working **on Config Transformations** for various environments**.**
* Combined **GIT** with **Jenkins** for automation during the code check-out process. Used it in Release Process & Policy in **SDLC**.
* Integrated **Amazon Cloud Watch with Amazon EC2 instances** for monitoring the log files, store them and track metrics.
* Experience in migrating to Cloud and Create, bind the user defined and built-in services in **Pivotal Cloud Foundry (PCF).**
* Used **Amazon Web Services (AWS)** for improved efficiency of storage and fast access.
* Added support for **Amazon AWS S3 and RDS** to host static/media files and the database into Amazon Cloud.
* Hands on Jenkins Experience in **building CI/CD pipelines** for microservices deployment.
* Automation of infrastructure using **Terraform and Ansible**. Configured RDS instances using Cloud formations and Terraform. Scripting/programing languages: Python, Java, JavaScript.
* **Developing CI/CD roadmap and implementing** to the project in robotic environment.
* Written **Ansible playbooks** in **YAML** for automating infrastructure, Managed Ansible Playbooks with **Ansible** roles.
* Experience is using **Tomcat, JBOSS, WebLogic and WebSphere** Application servers for deployments.

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| **Accenture -State of Texas - Austin, Texas**  **Azure DevOps Engineer** | **Sept 2018 – Feb 2020** |

**Responsibilities:**

* Investigation of issues found in the **production environment**. Apache Tomcat configuration and support for other teams within IT.
* Extensively used **Azure Microsoft services ,functions,Azure EventGrid for connecting via API with the Azure Services.**
* Experience in working **with Python,Pwershell ,Bash,Java Coding, JavaScript,JBoss and other Java frameworks.**
* Hands on experience with **Microsoft Azure Cloud Services** in managing the applications.
* Written **Chef cookbooks** and recipes to Provision several pre-prod environments consisting of **Deployment automation**,**AzureDevOps**,**Puppet**,**AWS EC2 instance** mirroring, WebLogic domain creations and several proprietary middleware installations.
* Responsible for completing stories in **2-week sprints**. Stories include developing and modifying new and existing environments to support newer versions of Infrastructure stack, and build/deployment management using **tools like Chef, Jenkins, Ant,Bamboo,Maven** in windows and Linux platforms.
* Created instances (VMs) in AWS with required stack of infrastructure for application teams.
* Involved and actively participated in **Splunk, SpringMVC , Spring Security and** **developing Python code** when there is a requirement.
* Used Jenkins to run chef on **VMs created in AWS cloud**
* Maintain a Live Like environment to **test any production issues** on the setup and push it into production.
* Extensively worked with **Docker, Kubernetes, AWS, risk margin applications**; Worked heavily with microservices and AWS infrastructure set up.
* Used Jenkins, Bamboo to implement **Continuous Integration (CI/CD)** and deployment into **Tomcat /WebLogic** Application Server.
* Used **Docker** to define and creating applications or services by encapsulating them in **containers.**
* Utilized Several **Docker** best practices to create base images from scratch and to create clear, readable and maintainable clean **Docker** files.
* Experience **Synthetic Real Time Monitoring like HP BSM, HP Sitescope** and building various third-party open-source tools for internal use.
* **Experienced and involved in working with Access Management and i**mplementation for applications.**Experience in migrating to Cloud and new webserver setups according latest versions.**
* Automating processes involved in development/test workflow.
* Writing **GIT** hook scripts to presenting and enforcing check in template (**shell scripts**)
* Setting up and maintaining **Jenkins** for continuous builds for sanity on multiple projects.
* Virtualized the servers using the **Docker** for the test environments.
* Setting up multiple automation servers for crash analysis, automated builds, and remote team integration server.
* Generated reports using **SonarQube** which covers different areas of Code quality like potential bugs, code coverage, coding rules.
* Formulated code quality management using **SonarQube**, technical guidance to vendor staff, code review.
* Designing and implementing **Microservices** using Java Spring Boot and Spring Cloud frameworks.
* Adapted SonarQube in every code development for continuous inspection of code quality.
* Setting up launched jobs for kicking **python automation scripts.**
* Securing a server with **Ansible** and Provisioning, deployment with Ansible.

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| **PNC BANK – Dallas, Texas**  **Azure DevOps Engineer** | **Jan 2018 – Aug 2018** |

**Responsibilities:**

* Involved in the Software Development Life Cycle (SDLC) – Agile.
* Implementing Python alongside using various libraries such as matplotlib for charts and graphs.
* Involved in designing and deploying multitude applications utilizing almost all the**Microsoft Azure Services, AWS stack** (Including **EC2**, **Route53**, **S3**, **RDS**, **DynamoDB**, **SNS**, **SQS**, **IAM**) focusing on high-availability, fault tolerance, and autoscaling in AWS Cloud Formation.
* Configured **AWS IAM** and Security Group in Public and Private Subnets in VPC.
* Worked on **Kubernetes creation** of custom **Docker** container images, tagging and pushing the images.
* Extensively worked with Version Control Systems SVN (Subversion), GIT.
* Designed CI/CD pipeline and integrated it with **SonarQube.**
* Expertise in using build tools like **MAVEN** and ANT for the building of deployable Artifacts such as War & Jar from source code.
* Experience in using **Nexus and Artifactory Repository Managers** for Maven builds. Configured and Administered Nexus Repository Manager and Jfrog Artifactory.
* Extensively worked on **Jenkins for Continuous Integration** and for End-to-End automation for all build and deployments.
* Built a new CI pipeline, Testing and deployment automation with **Docker**, **Jenkins** and **Ansible**. Integrating **SonarQube** in the CI pipeline for code coverage reports and sonar metrics. Integrating **SonarQube** in the CI pipeline to analyze code quality and obtain combined code coverage reports after performing static and dynamic analysis.
* Experience in Build automation tools like **Jenkins, Ant, Maven, Gradle, XCode, MS Build, Team Build, SonarQube, Nexus (artifact repository).**
* Automate, configure and deploy instances on **AWS, Azure cloud environments.**
* Transformed traditional environment to virtualized environments with, **AWS-EC2**, **Docker**, **Vagrant**, and **VMware**.
* Designed **AWS Cloud Formation templates to create custom sized VPC, subnets, NAT** to ensure successful deployment of web applications and database templates.
* Experience setting up and maintaining **auto-scaling AWS stacks** (using cloud formation and scripting).
* Good knowledge on languages **Python, Java, Perl, Shell, XML and Ruby** had hands on experienced.

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| **Peoples Natural Gas - Pittsburgh, PA**  **Job Title: DevOps Engineer** | **Jan 2016 – Dec 2017** |

**Responsibilities:**

* Designed and developed data management system using **PHP/MySQL**.
* Implemented Build automation using **CI/CD** using Jenkins.
* Written **Shell scripts /Python** to automate deployment process.
* Developed a fully automated continuous integration system using **Git, Jenkins, MySQL** and custom tools developed in Python and Bash.
* Developed tools using **Python, Shell scripting,** XML to automate some of the log tasks. Interfacing with supervisors, artists, systems administrators and production to ensure production deadlines are met.
* Developed entire **frontend and backend** modules using Python on Django Web Framework.
* **Created Python scripts using libraries** to preprocess the images and automate the process using Bash script.
* Automated the whole process **of accessing and managing** huge image database for performing smooth experiments.
* Merge jobs in Python to extract and **load data into MySQL database**.
* Used Independently developed a multithreaded and messaging application.
* Developed and implemented Unit Testing framework for collection.

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| **Soft Soluz Solutions Pvt Ltd - India**  **Job Title: DevOps Engineer** | **May 2013 – Aug 2014** |

**Responsibilities:**

* Collect and analyze requirements from the clients to design suitable software for them.
* Built on a custom framework **using C#, Win Forms, Web Services, ASP.NET, MS Transaction** **Server, and SQL Server 2000.**
* Developed the Use case diagram, Activity diagram using Rational Rose 2000e during the requirement-gathering phase.
* Program client side and **server-side validations using JavaScript a**nd regular expressions.
* Code the application in C# using ASP.NET including textboxes, combo boxes, data grids, **tree view control**, buttons, **validation controls**, and image buttons and zooming.
* Use ASP objects like **Request, Response, Query string, Server** and Application.
* Wrote class library for **Database Access layer using C# and ADO.NET**.
* Designed the **database and created tables,** stored procedures and views using SQL Server 2000.

**Eduaction :**

Masters in Electrical & Electronics Engineering - University of Texas Rio Grande Valley – Dec 2015.