


**Naveen M. J.**

**DevOps 5 Years Experience**

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**Career Objective:**

To secure a challenging position in a reputable organization where I can utilize my skills, knowledge, and experience to contribute to the company's success and grow professionally.

**Technical Summary:**

- **DevOps Expertise:** Over 5 years of hands-on experience in DevOps, specializing in managing and deploying PEGA applications. Proficient in utilizing Azure DevOps and Azure Repos for streamlined application development and deployment.
- **Cloud Management:** Skilled in AWS for infrastructure management and deployment, encompassing services like EC2, S3, RDS, and CloudFormation. Expertise extends to government projects, ensuring compliance with industry standards.
- **Agile Project Management:** Adept in Jira ALM for issue tracking, project management, and agile software development methodologies, ensuring projects are delivered on time and within scope.
- **Automation and Testing:** Proficient in Selenium with Java and Eclipse for automated testing of web applications, enhancing product quality and reliability.
- **Container Orchestration:** Strong understanding of Kubernetes for container orchestration and IPsec VPN technology for secure remote access to cloud infrastructure, ensuring efficient and secure operations.
- **CI/CD Expertise:** Experience in creating and maintaining CI/CD pipelines using Azure DevOps, Jenkins, and Terraform for continuous integration and deployment in diverse environments, both on-premises and in the cloud.
- **Azure Infrastructure:** Expertise in developing Azure CI/CD pipelines for cloud infrastructure using Azure DevOps, with seamless integration with Azure Boards for agile project management.
- **Version Control and Configuration Management:** Proficient in Git for version control and Ansible for configuration management, ensuring organized and efficient development processes.
- **Monitoring and Troubleshooting:** Familiarity with monitoring and logging tools like Prometheus, Grafana, and ELK stack is essential for effective troubleshooting and performance optimization.
- **Automation and Scripting:** Proficient in Shell scripting for automating and orchestrating infrastructure and deployments, streamlining processes.
- **Code Quality Management:** Experience in using SonarQube for code quality management and Tomcat for web server deployment, ensuring robust and reliable applications.
- **Experienced in platform engineering with a focus on Azure cloud services, adept at orchestrating and managing Kubernetes clusters Proficient in infrastructure as code (IaC) using Terraform, ensuring efficient and scalable deployment of resources. Possesses expertise in architecting and optimizing cloud environments for seamless application deployment and system reliability.**

## Personal Qualities:

- Effective Problem-Solving Skills: Proficient at identifying and analyzing complex issues and adept at developing and implementing effective solutions.
- Proactive and Self-Motivated: Possess a natural inclination to take initiative and work independently, consistently achieving goals.
- Adaptable and Flexible: Skilled at thriving in fast-paced and dynamic environments, with a knack for adjusting to changing priorities.
- Strong Team Player: collaborative by nature, capable of working effectively in cross-functional teams while fostering positive working relationships.
- Customer-Centric Focus: demonstrated ability to comprehend and meet customer needs and requirements, ensuring satisfaction.
- Continuous Technical Improvement: Possess strong technical skills and a commitment to staying current with new technologies and industry trends, continuously enhancing technical proficiency.

## Certifications:

- Pega Certified System Architect (PCSA) 86V1

## Technical skills & Tools

Operating System	: Windows, Linux (Ubuntu)
Cloud Platforms	: AWS, Azure
Programming Languages	: Shell, Golang (basics), Core Java
Devops Tools	: Jenkins, Docker, K8s, Terraform, and Ansible
Build Deployment Tools	: Jenkins, Azure Devops
Build Environment Tools	: Maven
Defect Tracking Tools	: JIRA, Bugzilla,
Version Control Tools	: Git, Github
Web servers	: Apache, Nginx
Project management tools	: JIRA, Jenkins, and Azure Boards
Cloud environment	: AWS, Azure
Container-orchestration	: Kubernetes
Agile methodologies	: Scrum, Kanban
Other tools	: VirtualBox, ALM, PEGA, Selenium WebDriver, and Eclipse.

## Employment Summary :

Organization	From Date	To Date
Sunplus Software Technologies Pvt. Ltd	Aug -2023	Dec-2023
Acel Solutions Pvt. Ltd.	Dec - 2020	Feb - 2023
GeeksMagic Technologies Pvt. Ltd.	Dec - 2017	Aug - 2020

## 1. Project Name : Project Portfolio Management System (PPMS)

**Description:** PPMS (Project Portfolio Management System) is a web and app-based interface designed to monitor all government projects in Karnataka state. It involves the use of Portfolio Management System (PMS) to input project data by respective department personnel, which is then reflected in the PPMS. The system also manages billing based on work progress and applies penalties in cases of project delays, specifically targeting contractors.

**Technologies and Tools:** AWS, DevOps, Oracle VirtualBox, Ubuntu, Nginx, Apache Tomcat, PostgreSQL, Untangle Firewall, and security measures

- Responsibilities :

- AWS Server Setup: I initiated the project by setting up servers on Amazon Web Services (AWS) to host the PPMS. This included configuring server instances and ensuring their optimal performance.
- Billing Optimization: Implemented an automated start-stop schedule for the servers using AWS Service Manager to reduce operational costs and improve billing efficiency.
- Migration Planning: Spearheaded the planning phase for migrating the project infrastructure from AWS to the Karnataka State Data Center (KSDC).
- Security Measures: Prior to the migration, prioritized security by acquiring and implementing SSL certificates to ensure safe and encrypted data transfer.
- Collaboration with KSDC: worked closely with the KSDC team to request server creation and coordinate the smooth transition of the project infrastructure to the state data center.

## 2. Project Name : VF (Vodafone) UK IT - Automation and Robotics Domain.

**Description:**

Designed and executed a comprehensive CI/CD pipeline in Azure DevOps for Pega-related applications. Automated build, testing, and deployment processes to streamline development workflows. Integrated Jira for issue tracking and agile project management, enabling efficient collaboration and seamless tracking of development tasks, while implementing automated testing for reliable and consistent application quality assurance.

**Technologies:**

AWS, Azure DevOps, PEGA, AWS, YAML, CICD

- Responsibilities :

- Collaborate with cross-functional teams, including developers, QA engineers, and product owners, to implement and manage Azure DevOps pipelines for continuous integration and delivery of PEGA applications
- Develop and maintain Azure DevOps pipelines using YAML for automated builds, tests, and deployments of PEGA applications to on-premises and cloud environments
- Integrate Azure DevOps pipelines with Azure Boards for agile project management, including sprint planning, backlog grooming, and sprint demos
- Manage Azure Repos for version control of PEGA application source code and configuration files, including branching and merging strategies
- Develop and maintain self-hosted build agents on AWS for on-premises and hybrid deployments, including setup, configuration, and security management
- Develop and maintain cloud staging environments on AWS for testing and deployment of PEGA applications, including setup, configuration, and security management.
- Follow agile methodology for software development, including participation in sprint planning, daily stand-ups, sprint demos, and retrospective meetings.
- Develop and maintain Azure CI/CD pipelines for cloud infrastructure using Azure DevOps, including integration with Azure Boards for agile project management.
- Provide support for Azure DevOps pipelines and related tools to development teams, including debugging issues, providing solutions, and answering questions.

### 3. **Project Name: Boehringer Ingelheim Pricing Solution (BIPS)**

#### **Description:**

In the Boehringer Ingelheim Pricing Solution (BIPS) project, We utilized Azure DevOps to establish a robust release management process for our BPM (Business Process Management) applications, enabling efficient pricing updates internally. Leveraging Azure DevOps pipelines, we automated the build, testing, and deployment workflows, ensuring smooth and reliable releases. Integration with Jira facilitated seamless issue tracking, while implementing automation testing, the application's quality and responsiveness to pricing updates.

#### **Technologies:**

AWS, Azure DevOps, QA Automation, Selenium java WebDriver, PEGA, AWS, YAML, and CICD

- Responsibilities :

- Collaborate with cross-functional teams, including developers, QA engineers, and product owners, to implement and manage Azure DevOps pipelines for continuous integration and delivery of PEGA applications.
- Develop and maintain Azure DevOps pipelines using YAML for automated builds, tests, and deployments of PEGA applications to on-premises and cloud environments.
- Develop and execute automated test scripts using Selenium Java, the TestNG framework, and an XL Data driven approach for PEGA applications.
- Utilize Azure DevOps, Azure Boards, Azure Repos, AWS for self-hosted build agents and cloud staging environments, Jira, and YAML to manage test artifacts and integrate automation into the Azure CI/CD pipeline.
- Follow agile methodologies for software development and collaborate with cross-functional teams to ensure the quality of PEGA applications.

### 4. **Project Name: Zust Shop (E commerce application) and GMT Smart School**

#### **Description:**

GMT Smart School is an innovative educational management system that streamlines administrative tasks, academic processes, and communication between stakeholders. It offers modules for attendance tracking, grade management, resource allocation, and parent-teacher communication, enhancing the overall efficiency and effectiveness of educational institutions

#### **Technologies:**

AWS, DevOps, Jenkins, Ansible, Github, CICD, K8s

- Responsibilities :

- Create and manage infrastructure for developers, testers, and DB admins to accomplish automation.
- Configure Jenkins with a Maven build tool to generate the WAR/EAR files and archive them.
- Use Nexus to store the generated artifacts and version them with a timestamp.
- Integrate Git with Jenkins and Nexus in continuous integration, and configure Jenkins with the Poll SCM build trigger.
- Use Ansible as the primary automation tool to configure and deploy artifacts to several environments.
- Create and manage EC2 instances in the AWS cloud for most of the infrastructure.
- Deploy artifacts in environments like DEV, QA, and UAT with Ansible and Jenkins, and create backups of EBS volumes and restore them.
- Provide infrastructure for production environments for installing servers in load balancers, web servers, and database servers.
- Ensure the servers sustain the load by configuring an elastic load balancer and auto-scaling.
- Enable highly available and robust virtual private clouds to ensure network isolation from public clouds and secure them with security groups.
- Use Vagrant for testing automation scripts before configuring them on real-time servers.

Academic Qualification:

Master of Technology in Electrical Power Systems from Jawaharlal Nehru Technological University, Anantapur [August 2015 - Jan 18]

Declaration:

I hereby declare that all the above said information is true to the best of my knowledge.

Date:

Naveen M. J.