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| SUMMARY |
| Madhu is a Senior Associate Infrastructure L1 of Technology in Sapient’ s Bangalore office. He joined sapient on July 20, 2022, and has worked MMS and ASDA projects, he is having experience in administration, Build & Release, SCM, Devops, Application support on Sterling and release management. he has utilized his expertise to drive technological excellence within the organization. Collaborating with cross-functional teams, he has implemented innovative solutions and optimized processes to meet the diverse needs of our clients. His key responsibilities has encompassed infrastructure management, continuous integration and deployment, configuration management, monitoring and logging, security and compliance, scalability and performance, cost management, disaster recovery, and fostering effective communication between development and operations teams. By staying updated on industry advancements and embracing a continuous learning mindset, he has played a vital role in the ongoing success of Publicis Sapient's projects, delivering cutting-edge solutions that exceed client expectations. As a result of this work, he has valuable experience in DevOps AWS/ AZURE/ GCP Engineer in Information Technology industry, looking for a platform where Madhu can implement his skills which he has learned with his past experience and can get a chance to gain new skills which will help him to grow in future professionally and personally. |
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| The majority of Madhu's experience, he has honed his skills as a DevOps Engineer, adapting to diverse environments and excelling in various roles.. Specifically, Madhu has worked on project in the MMS and ASDA. Before that, he played a critical role in the development and operations of a DevOps AWS/ AZURE/ GCP tools for his past company. Before joining Sapient, Madhu mainly worked on projects in the retail and health care domain.Regarding his education, he hold a Bachelor's degree in Computer Science, and a Master's degree in Business Administration. |

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| WORK EXPERIENCE: |
| **Publicis Sapient July 2022 To Present** |
| **ASDA Project, Senior Associate Infrastructure L1**  **Description:** The ASDA Project aims to modernize and streamline ASDA's IT infrastructure and software development processes, leveraging Azure for cloud services, Terraform for infrastructure as code (IaC), and Git for version control. Involved in the provisioning of Salesforce environments, majorly focusing on Sales Cloud using Terraform. Additionally, managed the provisioning of ADB2C, PWA environments, and custom functional apps. This approach ensures efficient deployment, scalability, and collaboration across development and operations teams.  **Roles and Responsibilities:**  Automation: Develop and maintain CI/CD pipelines, automation scripts, and infrastructure as code using Terraform.  Infrastructure Management: Manage Azure resources, ensuring scalability and reliability.  Cloud Management: Manage Azure resources and services, ensuring cost-effectiveness and scalability.  Disaster Recovery: Implement and maintain disaster recovery plans using Azure Site Recovery.  Optimization: Continuously optimize systems for performance and efficiency.  Release Planning: Plan and coordinate software releases using Azure DevOps.  Communication: Communicate release plans and status updates to stakeholders.  Documentation: Maintain release documentation and change logs in Git repositories.  **Tools and Technologies:**  Version Control Systems: Git  CI/CD Tools: Azure DevOps (Azure Pipelines, Azure Artifacts)  Containerization: Docker  Monitoring Tools: Azure Monitor, Azure Application Insights  Logging Tools: Azure Log Analytics  IaC Tools: Terraform  Security Tools: Azure Security Center, Azure Active Directory (AAD)  **MMS Project, Senior Associate Infrastructure L1** |
| **Description:**As a DevOps Engineer at MediamarktSaturn, I have driven technological excellence by leveraging a dynamic tech stack and implementing innovative solutions. I have customized infrastructure on the Google Cloud Platform, led the implementation of Kubernetes, employed GitOps principles with ArgoCD, and managed source code using Git. Additionally, I have utilized expertise in IBM Sterling to optimize supply chain processes, maintained JBoss servers for optimal performance, and implemented Grafana for real-time monitoring and visualization. By thriving in a dynamic environment, I consistently deliver tailored solutions that align with MediamarktSaturn's objectives, and I am enthusiastic about continuing to contribute to the success of their innovative projects through cutting-edge DevOps practices. |
| **Roles and Responsibilities:**1) Integrated GitHub web hooks into Jenkins to automate the code check-out process. |
| 2) Integrated couple of tools with DevOps CI/CD approach and debugging the things if any issue arises. |
| 3) Creating production ready images for the Stage, Pre-Prod and Prod environments by using Jenkins. And GitHub Actions |
| 4) Automating the regular day-to-day tasks performed by the client or other teams, with the help of scripts, thus enhancing client value creation. |
| 5) Manage production deployment and release across fleet and Provided 24x7 on call support. |
| 6) Promote Development builds from lower environments to Test Environments via Jenkins. |
| 7) Helping developers in issues that they encounter with the builds, process flow and other functional issues. |
| 8) Supporting developers by running SQL scripts on PROD Environments (Insert, Update tables). |
| 9) Working on alerts received from ticketing tool on the Test, Maint and Prod hosts (CPU Usage, RAM Consumption, SWAP, Inodes and disk usage). |
| 10) Continuous Integration and Deployment (CI/CD): Set up, configure, build, test, and deployment processes, ensuring rapid and reliable delivery of applications. |
| 11) Creating Requests for adding ssh-keys on hosts, requesting Upscaling of VM's, requested DB extensions for disk-space etc. |
| 12) Applying changes on TEST, Maint and PROD Environments received from the developers for functional and operational changes. |
| 13) Worked with GitOps and Argo CD as a part of CI/CD workflow. |
| **Skills/Domain:**GCP, Kubernetes, GitHub, GitHub Actions, ArgoCD, K9s |
| **Primus Global Technologies Pvt Ltd March 2021 To July 2022** |
| **MMS, Devops Engineer** |
| **Description:**As a DevOps Engineer at MediamarktSaturn, I have driven technological excellence by leveraging a dynamic tech stack and implementing innovative solutions. I have customized infrastructure on the Google Cloud Platform, led the implementation of Kubernetes, employed GitOps principles with ArgoCD, and managed source code using Git. Additionally, I have utilized expertise in IBM Sterling to optimize supply chain processes, maintained JBoss servers for optimal performance, and implemented Grafana for real-time monitoring and visualization. By thriving in a dynamic environment, I consistently deliver tailored solutions that align with MediamarktSaturn's objectives, and I am enthusiastic about continuing to contribute to the success of their innovative projects through cutting-edge DevOps practices. |
| **Roles and Responsibilities:**1) Hands on Experience with code repositories like GIT, GitHub and GitHub Actions. |
| 2) Working on developing and enhancing build scripts and tools to improve the efficiency of the developments and its build process. |
| 3) Take caring the GitHub administration which includes Branch creation, Providing user permissions, Repo and Org creation. |
| 4) Debugging build failures, coordinating with developers and testers to resolve related issues. |
| 5) Working experience with build tools like Maven. |
| 6) Promote Development builds from lower environments to Test Environments via Jenkins. |
| 7) Performance Monitoring: Implemented Grafana for real-time monitoring and visualization.  8) Scalability and Performance: Design and implement autoscaling rules, load balancing, and caching strategies to optimize application performance and ensure high availability. |
| **Skills/Domain:**DevOps, Jenkins, GitHub, Docker, Grafana, Dynatrace. |

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| EDUCATION: |
| M. B. A (Master of Business Administration), HRM: Yogi Vemana University, 2014 |
| Undergraduate Degree, BSc (Computers): Sri Krishna Devaraya University, Anantapur, 2012 |  |  |
| 12th (Board of Intermediate Education Andhra Pradesh), (MPC): Vignan Junior college, Anantapur., 2009 |  |  |
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| **SKILLS:** | |
| **Additional Skill(s):** | Cloud Infrastructure,DevOps,OMS - Sterling |
| **Other Skills:** | Jenkins, Docker, Kubernetes, Terraform, GitHub, GitHub Actions, K9s, Argo CD, AWS, GCP, AZURE, Grafana, Dynatrace. |

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| ADDITIONAL DETAILS: |
| **Certification/Trainings** |
| Certified Kubernetes Application Developer (CKAD) training -- 2023 |
| GCP training – 2022  HashiCorp Certified: Terraform Associate training -- 2024 |
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