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| SM **ABOUT ME**   **mswaroopa598@gmail.com**  **+1(224)829-0418**  [**https://www.linkedin.com/in/swaroopa-m/**](https://www.linkedin.com/in/swaroopa-m/) **certifications**  * AWS Certified DevOps Engineer Professional   (DOP-C02) **Education**  * Bachelors in technology from JNTU, India  **Skills** **CLOUD**  AWS | EC2| S3 | SQS | Lambda | CloudFront |Step Functions | Kubernetes | EKS | ECR | EBS | ELB | Route 53 | VPC | DynamoDB | IAM | CloudWatch | API Gateway|  **INFRASTRUCTURE AS CODE(IAC)**  Terraform | CLOUD FORMATION  **TOOLS**  GitLab | Jenkins | JFROG XRAY |Bamboo | Bit bucket | SONAR | Git | TFS | SVN | Maven | Oracle SQL Developer | SQL Navigator | SQL Plus | Toad | Datadog | Splunk | JIRA | Confluence |  **LANGUAGES/LIBRARIES/FRAMEWORKS/PLATFORM**  C# .NET | ASP .NET | ADO .NET |Visual studio| XML | JQuery | SOAP Webservices  **DATABASE/APP SERVERS/OPERATING SYSTEMS**  DynamoDB | MongoDB | MySQL | Oracle | SQL Server | Linux  **UI**  Bootstrap | CSS | HTML| JavaScript | **Skills** **IDE**  Intellij | Eclipse | VS Code | | |  | | --- | | **SWAROOPA RANI Manthapuri****Mt prospect IL 60056** **SENIOR CLOUD DevOps engineer** |  **Carrier objective** AWS Certified Senior Cloud DevOps Engineer having 12 years of experience in **DevOps**, **Continuous Integration and Continuous Delivery (CI/CD), Infrastructure as Code, Infrastructure automation, Configuration Management and integrating Application Performance Monitoring (APM)** tools. I can implement effective strategies for microservices application development in both Cloud and on-premises environments. Experience in dealing with Unix/Linux and Windows server administration**.** I have successfully delivered products/projects using Agile/SCRUM and Waterfall methodology. I am passionate about succeeding as a team. **Work experience** **Senior Cloud DevOps Engineer** May 2015 to till date.  **Dell International, Austin, TX**  **Responsibilities:**   * Automated the **Continuous Integration (CI)** **and Continuous Deployment (CD)** process, starting from the moment the development team checks in code into GIT on Jenkins, all the way to the deployment of code into the production environment. * Developed the **Terraform** templates for provisioning the **Infrastructure As Code (IAC)** according to the application team’s needs. * To achieve the organization's goal of five nine availability, the **Blue-Green** deployment strategy is implemented. * To enhance the resiliency of the applications, set up the strategy to deploy the applications in multiple availability zones and regions based on the application team's needs. * Configured and enabled the quality gates using **SONAR—security** and **vulnerability** scans **using** the **JFrog XRay** Scan, and **OWASP**. * Responsible for creating, installing, and managing the SSL certificates of various applications. * I managed the secrets stored in the **Vault** and acted as the main point of contact for rotating the service account credentials of applications. * Created Alerting and Monitoring in **Splunk, Dynatrace, SolarWinds and Grafana** and **DataDog** to log the various implemented features of the migration. * Containerized Microservices using **docker** to enable deployments using the **EKS** cluster. * Responsible for reviewing the DevOps teams Pull Requests (PR) and merging and Deployment. * Responsible for releasing and supporting different applications from lower environments (QA, Stage and PreProd) to Production. * Migrating from our legacy build and deploy process to automation using Docker & Kubernetes for deployments. * Responsible for setting up QA environments for Dev to match with Production to test their code before we push the code to Production. * Automate the build and release process from the point Dev’s check-in code into GIT on Jenkins to the Deployment of code into Production environment. * Automated the process of creating branches for the developers for future releases, merging the code into Master and future release branches. * Managed the GIT repository access management. * Responsible for cleaning the old artifacts on Artifactory. * Responsible for creating Jenkins agents using the AMI to support the new request from the development team and remediating the vulnerabilities. * Documentation of automation process, configuration pieces on Confluence page. * Collaborated closely with Developers, QA teams, Production, and other stakeholders to deliver software through the build and deployment system. * To ensure optimal performance and cost efficiency, set up the auto-scaling policy that can adjust the capacity of your application based on its peak and minimum loads. * Assisted development teams in implementing versioning and archiving of software artifacts. * Coordinating with Service Resiliency Engineering (SRE) team, Dev teams in resolving the Build and Deploy issues. * Involved in the DR testing and coordinated with the development teams to ensure the fallback environment is always up and running. * Involved in migrating from our legacy build and deploy process to automation using Docker & Kubernetes for deployments. * Hand on experience in JIRA as defect tracking system and configure various workflows, customizations and plugins for JIRA bug/issue tracker, integrated Jenkins with JIRA, GitHub.   **Sr. Software Engineer** January 2013 to May 2015  **Owens-Corning, LLC, Richmond VA**  **Responsibilities:**   * Closely worked with the onsite Product team in gathering requirements. * Involved in the integration and testing of project modules. * Developed **Web Methods** using **C#** for **SOAP** web services in project. * Created client-side Dynamic rendering of the widgets using JavaScript and AJAX. * Worked on WCF Entity Framework using LINQ for Database. * Involved in creation of Database objects. * I took on additional responsibilities and demonstrated my team management skills while the manager was out. I made sure that the rest of the team was well-informed by conducting knowledge transfer sessions and helping them understand the requirements, which resulted in on-time delivery. * Involved in the analysis of the requirements and prepared understanding document. * Participated in preparation of Functional Specification Document and Transactional Document. * Created Unit test cases for the developed modules and reviewed system test cases prepared by QA team.   **Senior .NET Developer** May 2010 to December 2012  **Royal Bank of Canada, UK**  **Responsibilities:**   * Involved in the architectural design of the application and coordinated with the infrastructure team to set up the necessary components to deploy and maintain the application. * Worked on Panther Portal using **Visual Studio, C# .NET, ASP .NET, ADO .NET, MVC, XML, JQuery, SOAP Webservices** and UI technologies. * Created key **framework** components for object mapping from **web request** **model** to **service request model** resulting in 50% productivity improvement. * **Estimated** scope of the product releases by identifying the **Level of Effort (LOE)** based on product features. * Identified a major configuration problem in the production problem which was holding the release. * Analyzed the performance deficient areas in claims application and designed the solutions to cut down the response time to meet the **Service Level Agreement (SLA).** * Setup the Continuous Automated Build integrating with Jenkins for development, testing, stage and production environments. * Improved the code quality by doing the Peer Reviews. |

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