|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NITIN SUVAGIYA**  Round Rock, TX 78665  [career9052@gmail.com](mailto:career9052@gmail.com)  (669) 202-1152 | | | | | | | |
| **Links** | | | | | | | |
|  | <https://www.linkedin.com/in/nitinsuvagia/>  <https://github.com/nitinsuvagia> | | | | A hexagon with a logo and text  Description automatically generated A logo of a hand holding a torch  Description automatically generatedProfessional Credential and Logo Usage Guidelines | | |
| **Summary** | | | | | | | |
|  | Over 16+ years of experience as a DevOps Engineer with manage projects and products, and in build and deployment and 4+ years of experience in automation through tools like Jenkins, AWS Pipeline and GIT Actions. Worked on Software Configuration Management and DevOps Tools. Extensive experience includes Build/Release support and Change/Incident Management support in delivering high-quality solutions and leading projects effectively.  Critical thinking DevOps Engineer with extensive understanding of high availability architecture and concepts. Purpose-driven professional with capacity to be strong team player plus work effectively independently   * **Software Architecture:** Understanding of software architecture patterns and principles, like microservices, MVC, RESTful APIs, etc. * **Version Control:** Familiarity with version control systems like Git for efficient collaboration and code management. * **Team Management:** Ability to lead, mentor, and manage a team of software developers, assigning tasks, providing guidance, and ensuring collaboration. * **Decision Making:** Capacity to make informed decisions, prioritize tasks, and delegate responsibilities based on project needs and team strengths. * **Conflict Resolution:** Skill in resolving conflicts and fostering a positive team environment, ensuring open communication and mutual respect. * **Agile Methodologies:** Experience with agile frameworks (Scrum, Kanban) and understanding of iterative development processes to deliver software incrementally. * **Task Tracking:** Proficiency in tools like JIRA, Trello, or Asana for tracking tasks, monitoring progress, and ensuring timely deliveries. * **Risk Management:** Ability to identify potential project risks and proactively address them to avoid obstacles. * **Cross-Functional Collaboration:** Ability to work with other departments (such as QA, UX/UI, product management) to ensure seamless integration and alignment. * **Prioritization:** Skill in managing multiple tasks and projects simultaneously, setting priorities, and meeting deadlines. * **Cloud:** Experience on working with AWS EC2 Workstation and other Cloud Hosting. * **Build/Deploy:** Maintained build scripts using Apache ANT, Maven to perform builds efficiently. Worked in implementing entire CI/CD using Groovy scripting * **IaC:** Extensively worked on Configuration management tools like Ansible and Terraform. | | | | | | |
| **Skills** | | | | | | | |
|  | **Scripting** | | Groovy, Java, Shell | **Web Servers** | | | Tomcat, Apache |
| **Operating System** | | Linux, Ubuntu (14.10.4), Centos, Windows | **SCM Tools** | | | SVN, GIT |
| **Build Tools** | | Maven, Ant | **Repository Tools** | | | Github, Dockerhub |
| **CI Tools** | | Jenkins, AWS Pipeline | **Atlassian tools** | | | Jira |
| **Configuration Management** | | Ansible, Terraform | **Frontend Skill** | | | UI/UX |
| **Experience** | | | | | | | |
| **Jun’16 to Present** | | **As a Lead DevOps Engineer**  **KRIYA REVGEN,** Dallas, TX | | | | | |
|  | **Responsibilities:**   * + - Actively involved in AGILE/SCRUM Methodologies while executing the project.     - Extensively worked on version controls like Git and SVN.     - Used Groovy scripts for CI/CD pipeline builds, and actively involved in the entire Pipeline setups and Jenkins configurations.     - Various Git Web-hooks and SVN commit-hooks were configured for continuous integration   operations.   * + - Designed, implemented, and managed Hadoop clusters to support big data processing needs.     - Deployed and configured Hadoop ecosystem components including HDFS, YARN, MapReduce, Hive, Pig, HBase, and Spark.     - Optimized cluster performance through capacity planning, resource allocation, and tuning parameters.     - Experienced in deploying Thanos for scalable and highly available Prometheus setups.     - Capable of configuring Thanos components like Store Gateway and Query for efficient long-term storage and querying of metrics data.     - Knowledgeable in integrating Thanos with object storage solutions like Amazon S3 or Google Cloud Storage for durable storage of historical metrics data.     - Designed and implemented Azure cloud architectures for enterprise applications, including compute, storage, networking, and security components, leveraging Azure services and best practices.     - Deployed and managed Azure Virtual Machines, Azure App Service, and Azure SQL Database instances to support business-critical applications, ensuring high availability and scalability.     - Implemented Infrastructure as Code (IaC) using Azure Resource Manager (ARM) templates and Terraform, enabling automated provisioning and management of Azure resources.     - Implemented security measures such as Kerberos authentication and role-based access control (RBAC) to ensure data protection and compliance     - Automated deployment and scaling of containerized applications with Kubernetes, resulting in improved resource utilization and cost savings.     - Implemented Kubernetes clusters to orchestrate containerized applications, improving scalability and reliability.     - Troubleshooted and resolved issues related to Kubernetes clusters, including networking, resource allocation, and pod scheduling.     - Collaborated with DevOps and development teams to optimize Kubernetes configurations for microservices architectures.     - Managed infrastructure as code using Terraform and Ansible, ensuring consistency and reproducibility across environments.     - Implemented monitoring and alerting solutions with Prometheus and Grafana, enhancing system visibility and reliability.     - Strong experience with Akamai Edge platform, including configuration management, cache management, and security policies     - Managed Akamai configurations to optimize web performance, accelerate content delivery, and enhance security posture     - Collaborated with development and operations teams to streamline deployment processes and improve release cycle times     - Implemented and managed Apache Spark clusters for distributed data processing, reducing processing time by 40%.     - Hands on experience in installing and administrating tools like Jenkins.     - Supported Production and Pre-production environments in resolving issues on demand.     - Provided support for Puppet upgrades and agent installations for several number of servers. Worked and supported on several .NET, Python, Node.js and React.js and Frontend applications migrations to Jenkins Pipeline.     - Designed and implemented scalable data processing solutions using AWS EMR, handling large volumes of data for analytics purposes.     - Developed and maintained ETL pipelines using AWS Glue, ensuring efficient data extraction, transformation, and loading processes.     - Led the development of a real-time chat application using Node.js and WebSocket technology, resulting in a 30% increase in user engagement.     - Mentoring team members on use of CI/CD, AWS CLI, Docker and Automation tools.     - Maintain services hosted in AWS managing EC2 instances, Auto Scaling groups (Blue/Green deployment), AWS Lambda, EBS, ELB, S3, Route 53, IAM account management and AWS code deploy.     - Supported product development team in bug fixing and service pack releases.     - Authoring Ansible Playbooks and Docker files to auto-configure Infra and auto-deploy product in various stagging server.     - Worked with Development, Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes. * Wrote various shell scripts to automate Build and Release process.   **Tech Stacks:**   * AWS EC2, EBS, ELB, S3, Route53, IAM, AWS CLI, AWS Lambda, AWS Pipeline, * Docker, Ansible, GitHub, Jenkins, Jira * Agile Methodology * AWS Green/Blue Deployment | | | | | | |
| **Sep’09 to May’16** | | **As a Project Manager and DevOps Consultant**  **WAREHOUSE ASSOCIATES INC,** Indianapolis, IN | | | | | |
|  | **Responsibility:**   * Source control: CodeCommit and GitHub with peer code reviews. * CI/CD pipeline: Jenkins cluster and AWS CodePipeline. * AWS: EC2, EBS, S3, Route53, AWS Lambda, AWS Pipeline with AWS CodeCommit, CodePipeline and IAM. * Worked with Development, Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes. * Designed and implemented robust Product in collaboration with cross-functional teams. * Guiding cross-functional teams through the entire product lifecycle. * Fostering a collaborative and innovative culture within the team. * Market Analysis and engaging in ongoing dialogue with stakeholders, administrators and all other actors of this product. * I've cultivated an environment where each team member feels empowered to contribute their best.   **Tech Stacks:**   * AWS EC2, EBS, S3, Route53, IAM, AWS Lambda, AWS Pipeline, * Docker, Ansible, GitHub, Jira * Agile Methodology * AWS Green/Blue Deployment | | | | | | |
| **Sep’06 to Aug’09** | | **As a Sr. Software Engineer**  **IMPULSIVE SOFTSOLUTIONS,** London, UK (Offshore) | | | | | |
|  | * Designed and implemented robust software solutions in collaboration with cross-functional teams. * Wrote clean and maintainable code with best practices. * Debugged and resolved technical issues to ensure smooth functionality. * Participated in code reviews and contributed to technical discussions. * Stayed updated with emerging technologies to drive innovation in projects. | | | | | | |
| **Education and Skill Course** | | | | | | | |
| **Oct’21 to Jul’22** | | **PG in DevOps (online course)**  **CALTECH UNIVERSITY,** California, USA | | | | | |
| **Aug’03 to Aug’06** | | **Master in Computer Application (Degree)**  **GUJARAT UNIVERSITY,** India | | | | | |
| **Certifications** | | | | | | | |
| Jul’2022 | | **Post Graduate Program in DevOps Certificate**  CALTECH   * <https://api.accredible.com/v1/frontend/credential_website_embed_image/certificate/54817855> * <https://www.credential.net/profile/nitinsuvagia/wallet> | | | | | |
| Mar’2021 | | AWS Certified Cloud Practitioner | | | |  | |