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| **NITIN SUVAGIYA**Round Rock, TX 78665career9052@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.
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| **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
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| **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
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| **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.
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| **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>
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| Mar’2021 | AWS Certified Cloud Practitioner |  |