**SATYA KARAN**

***Devops Engineer***

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# PROFESSIONAL SYNOPSIS

* A flexible, enthusiastic, and innovative with a very strong background in IT professional around **7+ years** of experience.
* Having **3+ years** of experience on **DevOps Engineering** practices involving with life cycle of software development such as Continuous Integration, Continuous Delivery, Configuration Management, source code management and infrastructure automation.
* Having knowledge on **Amazon AWS** services such as **EC2, IAM, VPC and S3**.
* Having good experience in enabling **CI/CD using Jenkins**.
* Having good experience in configuration and setup the configuration management tools such as **Chef and Ansible**.
* Having good experience in writing Ansible playbooks using variety of modules.
* Having experience in using variety of plug-ins in Jenkins.
* Having experience in building **Docker** containers.
* Having experience in writing **“Dockerfile”** for creating docker images.
* Having experience on Docker swarm, and docker-compose.
* Having experience on **Kubernetes** cluster environment.
* Having experience on source code management using **GIT or SVN (Subversion)** and maintain the repository on **GitHub or BitBucket**.
* Having experience in handling builds, deployments using **Maven**.
* Good knowledge on **Terraform** for provisioning infrastructure.
* Good knowledge of using various **Chef resources**.
* Good knowledge of using various **Ansible modules**.
* Ability to write chef cookbooks for automation of any tool.
* End to end understanding on Chef Ecosystem.
* Automation of deployment of the artifacts in DEV and QA Environment.
* Automate the installation and upkeep the builds and deploy the tools and dependencies.
* Ensuring **continuous deployment** of applications across environments.
* Issues and bug tracking of the application and environment on **Jira tool**.
* Application configuration in various platform, testing and troubleshoot.
* Automation of the tools or configuration settings with various scripting language such as **Python, Perl, or Bash (Shellscript)**.

# CORE COMPETENCIES

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| * Linux / Unix (Redhat Linux, Ubuntu) |
| * Jenkins |
| * Maven |
| * Docker |
| * Chef |
| * Ansible |
| * Kubernetes |
| * Git (GitHub, BitBucket) |
| * Terraform |
| * Splunk |
| * Jira |
| * Python 2.7 and 3.7 |
| * Perl 5.28 |
| * Shell script (Bash, Ksh) |
| * Core Java |
| * MySQL |
| * Oracle SQL |

**CAREER CONTOUR**

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| ***Employer*** | ***Client*** | ***Duration*** |
| *DSS Software Solutions,*  *Kuala Lumpur, Malaysia* | *Deputed @ Intel Corporation, Penang, Malaysia* | *July 2018 to Jan 2019* |
| *Scan IT, Bangkok,*  *Bangkok, Thailand* | *Shipco Transport, USA* | *Mar 2017 to Dec 2017* |
| *Shipco IT, Pune, India* | *Dec 2017 to June 2018* |
| *Cognizant Technology Solutions,*  *Pune, India* | *Credit Suisse, USA* | *Mar 2014 to Mar 2017* |
| *Capgemini India, Pune* | *Morgan Stanley, UK* | *May 2013 to Jan 2014* |
| *Ebusinessware, Mumbai* | *Deputed @ Nomura, Mumbai, India* | *Aug 2012 to Apr 2013* |
| *Persistent Systems Ltd* | *Yahoo, USA* | *Feb 2012 to Aug 2012* |
| *Artech Infosystem, Pune* | *Deputed @ IBM, Pune, India* | *Jan 2011 to Dec 2011* |

**PROJECTS HANDLED**

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| **Project 1:** Cheetah  **Client:** Intel Corporation, Penang | **Duration:** 07 months  **Company:** DSS Software Solutions |
| **Responsibilities**   * **Deploying and administering** the Production and back office servers. * Taking care **build and release** in each sprint. * Supporting the engineering team regarding the concept of implementation and migration of the best devops tools on the related field. * Implementing the **automation** of the configuration settings using scripting languages. * **Troubleshoot** and resolve issues related to application deployment and operations. * Involved in configuration and setup of **Ansible**. * Responsible to create Ansible playbooks for variety of requirements. * Maintaining the **agile methodology** for automation development process. * Building a fully functional **CI/CD pipeline using Jenkins**. * Installation of variety of plug-ins in Jenkins. * Configuration of GitHub **webhook** setup in Jenkins. * Managed **container orchestration** using **Kubernetes**. * Production Instances monitoring through **Splunk tool** then analyzed that log to understand, monitor and optimize the performance of the machines. * Issue tracking in the **Jira tool** and maintaining the different phases of process cycle in it. * **Environment and Tools: RHEL 7, Python3, Bash, Jenkins, Git, Kubernetes, Ansible, Jira, Splunk** | |

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| **Project 2:** Phoenix  **Client:** Shipco Transport | **Duration:** 1.3 year  **Company:** Scan IT, Bangkok & Shipco IT, Pune |
| **Responsibilities**   * Have written many scripts using **Python or shell script** for automation of the application. * Create and maintained the Cloud based infrastructure on **Amazon AWS** using different aws services. * **Backup and recovery** of the servers on every weekend or in the maintenance window period. * Managed the **disaster recovery** processes for maintaining the continuity of the infrastructure services. * Followed the **agile methodology** for the process life cycle of the application and tools. * Build the **java based application** war files using **Maven tool** which integrated with **Jenkins** and followed the **CI/CD process**. * Worked on the provisioning, configuration setup and managing the **Chef cookbook** resources for the different IT infrastructure. * Responsible to create variety of **Chef cookbooks and recipes** to meet the requirements. * Managed the application images through the **Docker containers**, provided the right platform to the developer and QA team for their needful. * Used **Docker Swarm** for clustering of the docker containers, also, setup and health checkup of the nodes. * Issue and Bug tracked using the **Jira tool** and worked on the priority of the ticket. * Played the key role in the meetings with the management and architecture team on the further devops practice for the smoother development life cycle of the application. * Mentored the junior members with regards DevOps practices. * **Environment and Tools: RedHat Linux, Ubuntu16.04, Python3, Java, MySQL, Amazon AWS, Jenkins, Maven, Docker, Chef, BitBucket, Jira** | |

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| **Project 3:** Inquiry Report  **Client:** Credit Cruise | **Duration:** 3 years  **Company:** Cognizant Technology Solution |
| **Responsibilities**   * Followed various stages of test cases for the different modules and post successful of test cases deployed into beta version of application. * Fixed up of the test environment and configuration of the applications. * Setup integration pipelines from the **code repository (Git)** to build servers, test servers and production servers. * Installation of variety of plug-ins in **Jenkins**. * Taken care of **build and release** in each sprint. * **Monitored** and tracked the **production batch jobs** in the Autosys monitoring tool and taken the necessary steps if any failure happened. * Wrote the **JIL (batch instructions)** for the autosys jobs, test them in QA server and post then deployed them in the production batch jobs. * **Automation of the application** processes using Perl and Moose framework. * Developed many **SQL queries** which fetches data from Rainstore database. * Followed the **agile methodology** for the software development cycle. * Maintained the **scrum releases** in the application, became the **scrum master** many times and managed the scrum team. * Knowledge sharing with other members in the team. * Mentored the **Unix corporate training** as a trainer for the batches of around 20-30 students in Cognizant for the junior level training program. * **Technologies: RHEL-7, Perl, Moose (Framework), Git, Jenkins, Shellscript, Rainstore DB, Autosys, Service Now** | |

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| **Project 4:** Risk Pricing System (RPS)  **Client:** Morgan Stanley | **Duration:** 8 months  **Company:** Capgemini Indian Pvt Ltd |
| **Responsibilities**   * Fixed the various bugs in the **Perl script** and also, wrote some script from scratch to automate the batch process on **Autosys**. * Code checkout, commit and push the code into **Perforce** repository. * Developed and automated SQL queries which fetches data from Sybase database. * Conducted health check or **sanity check** of portfolio for different strategy. * Supported the software process through improving the look and flow of process. * Focused on user and system support, answering hotline calls, monitored system alerts. * Comprehension of support tickets and resolved **within SLA** timeline. * Update on status to manager and users through email and in-person communication. * **Technologies: Linux, Perl, Sybase, Shell script, Perforce, Autosys** | |

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| **Project 5:** PRISM  **Client:** Nomura Bank | **Duration:** 08 months  **Company:** Ebusinessware, Mumbai |
| **Roles & Responsibilities**   * **Enhancement** of the application modules and **Unit testing** of the code. * Prepared the **TS and Unit test case** documents and **fixed the bug** in existing source code. * Build the engine binary and processing the pricing flow through **Autosys jobs**. * **Code checkout** and then developed the required code, post work we had **commit and push** the code into **SVN** repo on command prompt. * Monitored the regular failures of the jobs (**Sanity check**) for the PRISM application. * Monitored the **batch processing**, **JIL deployment** on Autosys tool. * **Technologies: Linux, Perl, Oracle 10g, Shell script, SVN, Autosys, Jira** | |

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| **Project 6:** Direct Delivery System (DDS)  **Client**: IBM, Pune | **Duration**: 1 Year  **Role:** Software Engineer |
| **Responsibilities**   * Involved in analysis and porting of existing DDS database flat files, Shell scripts to Linux platform from Unix platform. * Enhanced the existing application and unit testing modules. * Provided maintenance and resolved production issue. * Attained training from senior members of the team. * **Technologies: Unix, Shell script, C++, Powerhouse**   **Education:**   * I have completed “Bachelor of Technology” in “Computer Sc. & Engg” from DRIEMS college,Cuttack, India. * Also, completed “3 years diploma polytechnic” in “Computer Sc. & Engg” from RIT college, Rourkela, India.   **Extra Certifications:**   * Learnt the “Lean Six Sigma Yellow belt” certification from TUV-SOD. * Learnt the “ITIL Foundation Training” from NovelVista, Pune. * Completed Red Hat Certified System Administrator (RHCSA).   **Availability:**   * *Presently I am not working in any company, so I can join within 07 days.* * *Open to relocate to anywhere in the world.* * *Already I have worked in Thailand and Malaysia apart from India.*   **Communication skill:**   * Fluent in English, and Hindi * Appeared **IELTS** (International English) exam and secured good band score (Overall band 6.5) * Ich lerne **Deutsch** und habe das Niveau **A1** abgeschlossen. | |

# Declaration:

I hereby declare that the above information furnished is true to the best of my knowledge and if anything found wrong I will be liable for it.

# Place: India [Satya Karan]