

# DHRUVAKUMAR JONNAGADDALA

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**EMAIL ID:** [erion225@gmail.com](mailto:erion225@gmail.com)

**PHONE NO:** +919880891474

**CURRENT WORK LOCATION:** Bengaluru, India

**Passport Number:** P7070551

**Educational Qualification:** Bachelor of Technology

**Cloudbees Certified Jenkins Engineer** - <https://certificates.cloudbees.com/jpt1abch>

## CARRER OBJECTIVE

To achieve high carrier growth through a continuous learning process and keep myself dynamic, visionary and competitive with the changing digital scenario of the world leveraging DevOps Skills

## ACCOLADES

- ❖ "Outstanding Achievement Award", an award instituted by JCPenney for saving \$7000k on migrating Netcool to Splunk
- ❖ "Best Team Player", an award instituted by TCS-Waitrose (UK top Retailer) to recognize the individual for being agile and maintaining consistency in deliverables
- ❖ 2-time awardee of Great Team card, an award instituted by Target (US top Retailer) to recognize the teams for exhibiting excellence; honored to receive the award for "Outstanding performance" conferred by the executive vice president of the Target.
- ❖ Awarded the "Great Team" card for excellence in Code Release tasks and "Service & Commitment" award for achieving customer satisfaction of 98%
- ❖ Awarded the "The Best Automation Engineer" for Automated builds to ~40 project teams in Dev, Test and production environments; assembled 200+ applications/systems that consisted of 50+ Unix/Windows servers, 100+ Oracle/SQL DBs, 400 Web Sphere JVMs
- ❖ Recognized for assessing the profitability of moving the databases to cloud in Development and Test regions, as a result eliminated the cost of hardware cost by 80%

## ONSITE EXPERIENCE

- ❖ Waitrose Retailer (2017/18) – worked as a Sr DevOps engineer in platform team which enabled environments build/migration/Continuous Integration/Continuous Deployment/monitoring solution for migrating on-prem Infra to AWS cloud leveraging all DevOps tools.
- ❖ Target Retailer (2011/12) – worked as a Release/Environment management tech lead to enable smooth path to production deployments for second largest retailer of US.

## AREAS OF EXPERTISE

**Current Role:** Sr DevOps Automation Engineer capable of Setting, Configuring, Managing, Securing following technologies

- ✧ **Programming Languages/Scripting:** Java, Bash Shell scripting, Groovy, Ruby, PowerShell, Python, JSON
- ✧ **Code Build Tools:** Gradle, Maven, Ant, Go, Make, Visual Studio & XCode
- ✧ **Configuration Management Tools:** Chef, Ansible
- ✧ **CI/CD Stack:** Jenkins & DSL, Bitrise, Circle CI
- ✧ **Code Version Control Systems:** Subversion, Git, Bitbucket, Stash & TFS
- ✧ **Project Management Tools:** JIRA/Confluence
- ✧ **App & Web Servers:** Web sphere, Apache, IBM HTTP Server, Nginx
- ✧ **Databases:** Oracle, SQL, Dynamo DB (no SQL) & Postgres
- ✧ **Cloud Technologies:** Open Stack, Amazon Web Services & Google cloud
- ✧ **Testing Tools:** Selenium, Junit, Appium, Cucumber, JMeter, TestNG
- ✧ **Operating Systems:** Windows, Linux (RHEL, Centos), Mac and UNIX(AIX)
- ✧ **Monitoring tools:** Senu, Elastic, Splunk, Prometheus, Grafana
- ✧ **Containerization:** Docker, Kubernetes, Amazon Lambda & ECS
- ✧ **IAM:** Keycloak, LDAP, OAUTH2

## PROFESSIONAL SUMMARY

- ✧ Sr Software DevOps Engineer with 9+ years of experience, equipped with a fair knowledge of a repertoire of technologies predominantly Opensource used by the Servana Managed Services, JCPenney, Waitrose (top retailer of UK) & Target (second largest retailer in the United States)
- ✧ Extensive success in facilitating & automating the infrastructure builds & CI/CD support of sophisticated and complex application environments, integrations and interfaces by leveraging open source tools.
- ✧ Proficient in code management & release management techniques by leveraging open source tools.
- ✧ Experienced in AWS, GCP & fresher in Azure cloud. Expert in configuration management leveraging ansible & Chef.
- ✧ Extensive work with Jenkins DSL pipelines. Design and implement DSL pipeline libraries
- ✧ Experience in all phases of Software Development Life Cycle (SDLC) including Analysis, Design, Development, and Testing, Implementation and Maintenance
- ✧ Proficient in Agile Project model.
- ✧ Implementation and technical expertise in Ecommerce, Supply Chain modules like Receiving, Shipping, Yard management, Warehouse management & Transportation applications.
- ✧ Team player with excellent interpersonal skills and ability to work individually as well as part of a team.
- ✧ Work closely with business users to understand and prioritize business goals and information needs, then translate these needs into system requirements and design specifications.

- ⤴ Great learning skills to adapt the rapid changing technologies and implementing the same at work
- ⤴ Strong Analytical, Inter-personnel, Problem-solving and Proven ability to work under pressure

## PROFESSIONAL EXPERIENCE

COMPANY: SERVANA MANAGED SERVICES  
DURATION: AUG-2018 TO TILLDATE  
LOCATION: BANGALORE

### Project Description:

The DevOps team is entrusted to provide managed cloud services and a curated collection of opensource and licensed DevOps tools hosted platform. Managed tools hosting for CI/CD, Log Aggregation, Monitoring & Alerts, Source control and Project Management.

### Highlights:

- ❖ Complete procurement management automation of below mentioned DevOps tools on Kubernetes.
  - ◇ **Productivity** – Jira, Confluence & Service Desk
  - ◇ **Monitoring** – Grafana, Elastic, Kibana & Prometheus
  - ◇ **Security** – Black duck, Aqua Security, Clair
  - ◇ **Source Control** – Gitlab, Bitbucket
  - ◇ **CI/CD** – Jenkins Opensource, Cloud bees Core, Sonar, Sonatype Nexus, Jfrog Artifactory
  - ◇ **Testing** – Selenium
  - ◇ **Container Orchestration** – Swarm, Kubernetes & ECS
- ❖ **Mobile Development CI/CD**
  - ◇ Built autoscaling mac agent leveraging VMWare ESXI hosts
  - ◇ Designed pipelines for iOS and Android Dev teams and assisted quick migration from Bitrise to Jenkins
  - ◇ Implemented dependency cache management to Jenkins builds to speedup run times by 5x.
  - ◇ Automated appstore integration and enterprise application code signing for iOS apps powered by Fastlane Tools
- ❖ **Platform highlights**
  - ◇ 99.99% Platform availability to the customers
  - ◇ Proactive monitoring enabled to detect issues in advance
  - ◇ Highly scalable infrastructure with inbuilt security like SSL, IP whitelisting, WAF, Brute force detection, data encryption in transit and at rest
  - ◇ Minimal downtime Jenkins upgrades with less than a minute
  - ◇ Caching to make build run 5X faster
  - ◇ Integrated with most popular DevOps tools in the market
  - ◇ Updates and upgrades to the platform are driven through GitOps
- ❖ Built serverless opensource monitoring solution for web applications. Source [link](#)
- ❖ Contributed to popular Opensource plugins

COMPANY: JCPENNEY  
DURATION: FEB-2018 TO SEP-2018  
LOCATION: BANGALORE

### **Project Description:**

The DevOps team is entrusted with the task of automating U.S Retailer's Infrastructure and network provisioning by leveraging opensource tools.

### **Highlights:**

- ⤴ Configuration management automation of WebLogic, WebSphere & Linux upgrades leveraging ansible.
- ⤴ Netcool to Splunk migration & automation
- ⤴ NetScaler Big-IP certs renewal leveraging Python & Selenium API's.
- ⤴ Jira Administration user & license management automation leveraging Python & Jira's RestAPI

COMPANY: TATA CONSULTANCY SERVICES  
CLIENT: WAITROSE  
DURATION: NOV-2016 TO JAN-2018  
LOCATION: LONDON

### **Project Description:**

The DevOps team is entrusted with the task of migrating Waitrose eComm application from WCS to Amazon Web Services cloud. Tasks involve in automation infrastructure provisioning, building and supporting the DTAP (Development, Testing, Acceptance and Production) environments for product teams to carry out the SDLC activities.

### **Highlights:**

- ⤴ Automate Infra Components procurement using AWS (Amazon Web Services) Orchestration API's
- ⤴ Creation of fasting booting operating system images (Windows, Linux, CentOS) with cloud-init and cloud-config enabled suitable for cloud
- ⤴ Source code management using Bitbucket
- ⤴ Configuration management using Ansible. Development of customized recipes and LWRP's in Ruby & Modules in Ansible
- ⤴ Continues Integration and Deployment using Jenkins. Setting up of master and slaves, creation of Jenkins Jobs and Groovy Pipelines
- ⤴ Implemented code quality gates leveraging Sonar Qube.
- ⤴ Java and .Net Code build using ant, maven, and MS Build tools.
- ⤴ Centralized management of binary code using JFrog & Nexus Artifactory.
- ⤴ Containerization leveraging Docker/Kubernetes.
- ⤴ Automation of manual steps using scripting languages (Bash, Shell PowerShell for windows)
- ⤴ Standalone App Development using Core Java and develop small scaled Web applications using Java Spring.
- ⤴ Agile Project Management (Scrum Stories) using Jira Tool.
- ⤴ Take part of Scrum, Retrospective meetings with team and Ops team.
- ⤴ Prepare weekly project status reports, risk mitigation plans, sent timely appropriate communications for escalations.
- ⤴ Set goals to team members, conducted monthly performance review and half yearly evaluation; attended project auditing for TCS.

COMPANY: TATA CONSULTANCY SERVICES  
CLIENT: TARGET  
DURATION: APR-2016 TO OCT-2016  
LOCATION: CHENNAI, URUGUAY, BANGALORE

#### PROJECT-I DETAILS

The DevOps team is entrusted with the task of automating Stores back office infrastructure builds and application setup from physical hardware to cloud infrastructure.

##### Highlights:

- ✧ Enabled self-service tool for the developers and testers which procures the environments and notifies them via different channels (email, hipchat, service now).
- ✧ Overall environment build time wait reduced from **3 months to 1 hour**. Infrastructure Automation was achieved with OpenStack Heat Orchestration API's followed by application installs via Configuration management tool Chef.
- ✧ 99.99% Environment stability enabled via Elastic load balancers and Infra monitoring via Sensu.
- ✧ 140 Environments were migrated from physical infrastructure to cloud in a span of 4 months.
- ✧ Mitigated all challenges encountered with open source tools and with windows OS on cloud.
- ✧ Take part of Scrum, Retrospective meetings with team and Ops team.
- ✧ Prepare weekly project status reports, risk mitigation plans, sent timely appropriate communications for escalations.

#### PROJECT-II DETAILS

The DevOps team is entrusted with the task of automating environment provisioning/builds and supporting the DTAP (Development, Testing, Acceptance and Production) environments for project teams to carry out the SDLC activities. DTF – Distribution Technology Foundation (WMOS 2013 Manhattan product) is one of the best automated environments builds among the 40 builds implemented.

WMOS Manhattan 2013, UNIX AIX 7.1, Oracle 11G

**WMOS modules implemented:** WM, LM, MIF, MIP, DIF, SCI, and Slotting

- ✧ WMOS 2013 Environments build automation from the scratch
- ✧ Environment Maintenance - shell scripts implementation
- ✧ Integrate new environments with interfacing systems automation
- ✧ Initial Defect triaging and tracking
- ✧ Automate patches (SDN) changes into DTAP environments
- ✧ Prepared weekly project status reports, build closure reports, risk mitigation plans, sent timely & appropriate communications for escalations

##### Highlights:

- ✧ Instrumental in bringing the enterprise wide decentralized and project owned build activities under one umbrella.
- ✧ Consolidated the practices; simplified, standardized, automated and optimized them to reduce the cost of build by 40%, time of delivery by 70% and occurrence of defect by 65%; spearheading the team since its inception.

**Achievements:**

- ⤴ We automated builds to ~40 project teams in DTAP environments; assembled 200+ applications/systems that consisted of 50+ Unix/Windows servers, 100+ Oracle/SQL DBs, 400 Web Sphere JVMs
- ⤴ Assessed the profitability of moving the databases to cloud in Development and Test regions, as a result eliminated the cost of hardware cost by 80%
- ⤴ 2-time awardee of Great Team card, an award instituted by the clients to recognize the teams for exhibiting excellence; honored to receive the award for "Outstanding performance" conferred by the executive vice president of the client organization

**EDUCATIONAL QUALIFICATION**

Course	University / Institution	Year	CGPA	Grade
Bachelor of Technology (B. Tech)	SASTRA University, Thanjavur, India	2009	8.09	A