**Anmol Dhall**

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**Key Expertise:**

B. Tech in Computer Science with 7.0 years of IT Expertise in software development using Core Java, Java J2EE technology, DevOps, Continuous Integration with Jenkins, Docker, Kubernetes, AWS.

**Experience Summary**

* Currently working as, a Senior Devops Engineer at Harman International, Bangalore.
* Currently responsible for complete end-to end CI/CD for online services.
* Attended workshops/training/business meetings in Germany.
* Previously worked with Continental Automotive (Feb 2016 to Feb 2018) and Larsen & Toubro (Oct 2013 to Feb 2016)

**Work Summary**

* Excellent Hands on knowledge on Jenkins, GIT, Docker, AWS, CI/CD, Terraform, Kubernetes, Helm.
* Excellent Java development skills using Core Java.
* Fair Knowledge on Shell Scripting or Bash.

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| Cloud Technologies | Amazon Web Services (AWS), AWS EKS, AWS EFS |
| Devops Tools | Docker, Kubernetes, Helm, Terraform, Harbor |
| CI/CD Tools | Jenkins, Maven, JFrog Artifactory |
| Monitoring/Logging Tools | Grafana, Kibana, Prometheus |
| Deployment Tool | Argo CD |
| Programming Languages | Java, Shell scripting |
| Operating System | Linux and Windows |

**Project Details**

**Project:1**

**Project Name-** Devops for backend services.

**From Mar’2018 – till date at Harman International**

* **Description**- CI/CD Pipeline and Kubernetes cluster setup using AWS EKS service for the internal online services for Harman. Automated the code compile, Docker image creation and push to artifactory using Jenkins Pipeline, once the build is success. Performing the deployment activities with the help of Helm Charts. Updating the changes in the helm chart, pushing the changes to Bitbucket, Argo will automatically apply the changes into the services running in the K8s cluster.

**Main Objective-** CI/CD Pipeline

**Role & Contribution**- Role: Devops professional

Contribution:

* Terraformed Kubernetes cluster in AWS (EKS).
* Brought up dev environments with IAC- Terraform.
* Creating a Helm Chart for a service and deploying the service using Helm and ArgoCD.
* Developed fully scripted (groovy) multi-branch pipeline.
* Performing Deployment, through helm-chart (manual as well as automated).
* Made all the services in the environment directly connected to ArgoCD.
* Jenkins Integrated with Slack for notification – build success/failure/aborted.

**Tools:** Terraform, Kubernetes, Jenkins, Docker, Helm, Argo CD, Bitbucket, GIT

**Operating System:** Linux

**Key Achievements-** Handling all the devops end-to-end activities and learning new technology stack.

**Project 2:**

**Project Name-** Continuous Integration with Jenkins

**From Feb’2016 – Feb’2018 at Continental Automotive**

**Description-** Developing Jenkins Plug-in which will integrate tool (SCM, testing tools etc.) with Jenkins server. Creating Jenkins job which will build the source code of the project with a single trigger or with a SCM change. Running test cases automatically and generating reports out of it and uploading in to the HP Quality Center tool.

**Main Objective-** Set-up Jenkins Automation Environment

**Role & Contribution- Role:** Software Developer

**Contribution:**

Jenkins Plug-in Development**.**

Jenkins Job Configurations.

Provided Pipeline support to Plugin and Job.

Testing CI plugin locally before deploying to productive server.

CI Server Maintenance.

Automate the Build Process, Automate the unit test case execution**.**

**Programming Languages-** Core JAVA

**Build Tool-** Maven and NAnt

**Tools** - Jenkins, IMS (SCM), Tessy (Unit Testing Tool), HP Quality Center (for uploading repots)

**Key Achievements**- Handling end to end CI (Jenkins) activities.

**Project 3:**

**Project Name**- Controlled Live Automation Tool, Intel Mobile Communications (client location)

**From Aug’2015 – Feb’2016 at L&T**

**Description**- Automation tool to interact/test mobile devices.

**Role & Contribution**- **Role**: Software Developer

**Contribution**:

Coding in Core JAVA, Eclipse RCP, Defect Fixing/Enhancement’s

Documentation.

Testing (JUnits)

**Technologies**- Core JAVA, Eclipse RCP

**Key Achievements**- Learning Eclipse RCP, directly working with client

**Project 4:**

**Project** **Name**- RPVR, Cisco ODC

**From May’2015 – Aug’2015 at L&T**

**Description**- To record & schedule video without using remote control of STB via web application.

**Role** **& Contribution- Role**: Software Developer

**Contribution**:

Coding in JAVA, SPRING framework.

Documentation.

Unit Testing

**Technologies**- Core JAVA, J2EE, Spring Framework (MVC)

**Key** **Achievements**- Migrated legacy code from struts to Spring MVC.

**Project 5:**

**Project Name**- Resource Allocation Mapping Tool for Johnson & Control

**From Aug’2014 – Apr’2015 at L&T**

**Description**- Resource Allocation Master Planning Tool (RAMP) replaces existing Resource Allocation Master excel application. For allocating resource to the project/s in Visteon farm.

**Role &** **Contribution**- **Role**: Software Developer

**Contribution**:

Coding in JAVA, SPRING framework.

Testing

**Technologies**- Core JAVA, J2EE, Spring Framework, JavaScript

**Key Achievements**- Design and Develop application from scratch and learning client side programming

**Project 6:**

**Project Name**- Operational Integrated Excellence Dashboard for Ericsson

**From Oct’2013 – Jul’2014 at L&T**

**Description**- Operational Excellence dashboard is to automate the process of Operational metrics measurements to Ericsson’s senior executive team through dashboard portal.

**Role** **& Contribution**- **Role**: Software Developer

**Contribution**:

Coding in JAVA, SPRING framework and Unit Testing.

Document User Stories Sprint wise.

Designing Screens using Kendo UI.

Unit Testing

**Technologies**- Core JAVA, J2EE, Spring Framework, HTML, JavaScript

**Key** **Achievements**- Design and Develop application and learning client side program

**Educational Qualification & Certifications**

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|  |
| **Education** | **Start-Year** | **End-Year** | **Fulltime /Correspondence** | **Gap -Reason** | **intuition /University** |
| **10th** | **2006** | **2007** | **Full Time** | **-** | **Wilsonia College** |
| **12th** | **2008** | **2009** | **Full Time** | **-** | **Wilsonia College** |
| **Graduation** | **2009** | **2013** | **Full Time** | **-** | **UPES Dehradun** |

**ACADEMIC ACHIEVEMENTS**

* Chosen as the School Vice-Captain in Senior Secondary
* Awarded as the Best Student of the Year in terms of Attendance
* Honored by Corporate Infocom Pvt.Ltd for the fastest Manager

**CO-CURRICULAR ACTIVITIES**

* Worked as a Manager in Corporate Infocom Pvt.Ltd.
* Attended Workshop on Ethical Hacking, organized by IIT Kanpur Alumni at UPES
* Attended Web Designing seminar at Corporate Infocom Pvt.Ltd.

**EXTRA CURRICULAR ACTIVITIES**

* Won Gold Medal in Inter-School Cricket Champion League.
* Won 1st Prize in Inter House Badminton Tournament [3 times].
* Awarded as the Chess Champion 3 times.
* Won 5 medal (1 Gold, 3 Sliver, 1 Bronze) in Athletic meet