



# Kumara Damera

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2+ years of experience as versatile cloud engineer focusing on **POS** applications with advanced complexity, supporting infrastructure(**AWS**, **Linux**) and hands-on with DevOps Tools, **Automation**, Build/Release, CM, troubleshooting

## TECHNICAL SKILLS AND INTERESTS

- |                                 |                                   |                                    |
|---------------------------------|-----------------------------------|------------------------------------|
| • Java, Python, Shell Scripting | • AWS CFN, CloudWatch, CloudTrail | • Oracle WebLogic, iPlanet         |
| • AWS Cloud, GCP                | • ELK Stack, Nagios, Data Dog     | • Artifactory, SonarQube           |
| • Jenkins, Git, Bitbucket       | • Docker, Kubernetes              | • CentOS 5.x/6.x/7, Ubuntu         |
| • JIRA, Agile Methodology       | • Maven, Junit, Ant               | • TCP/IP, DHCP, DNS, UDP           |
| • Ansible, Chef, Terraform      | • Aurora, Oracle 11g, PostgreSQL  | • ARP, NAT, STP, LAN, WAN, IPS/IDS |

## CERTIFICATIONS

AWS Certified DevOps Engineer Professional, AWS Certified Solutions Architect Professional

AWS Certified SysOps Administrator, AWS Certified Developer Associate, AWS Certified Solutions Architect Associate

Cisco Certified Network Associate – CCNA R&S, Cisco Certified Network Professional - CCNP R&S

## PROFESSIONAL EXPERIENCE

### Verizon

Piscataway NJ

Cloud DevOps Engineer

MAY 2018- PRESENT

- Developed AWS Cloud Formation templates to create **AWS** components like EC2, IAM, VPC, ALB, Security groups, Lambda function, ENI, ASG, S3, Lifecycle Hook, launch configuration, scheduled CRON jobs for backing up systems on regular basis
- Wrote shell scripts for automation including monitoring of **Microservices**, available disk space of mount points, fetch artifacts from Artifactory repository, gracefully shutdown servers, build deployments, start/shutdown servers/microservices
- Provided end to end support and environment for all POS and Spring Boot Microservices based applications, participated in on call support and assisted end users in troubleshooting applications and resolved tickets using internal ticketing tool
- Created Jenkinsfile to publish artifacts to **Artifactory** for maven builds, deploy applications using **Kubernetes**, continuously involved in defect resolution, investigated issues reported by Logging console, composed scripts for recycling JVM
- Installed, Configured and Maintained Apache, Tomcat, iPlanet, WebLogic servers in **Linux** and performed vulnerability testing of network infrastructure, servers and provided right solutions, spearheaded a squad to accomplish tasks

### Tensorlot

Irvine CA

Cloud Engineer

MAY 2017 - MAY 2018

- Designed highly available, cost effective and fault tolerant solutions for customers using EC2 instances, AMI's, maintained roles and groups using AWS IAM, maintained user accounts, RDS, Route 53, VPC, Dynamo DB, SNS services in AWS Cloud
- Expertise in **Jenkins** plugin management areas and implemented several CI/CD pipelines using Jenkins, JFrog, AWS EC2, Build Pipeline, Docker and monitored using CloudWatch, Nagios, Data Dog
- Administered large-scale distributed application environment, deployed artifacts, used **JIRA** for tracking and updating project defects and ensured the tasks for successful completion by adopting agile methodology into the daily workflow
- Responsible for **troubleshooting** internal networks issues but not limited to DNS, DHCP, LDAP and performed Wireshark captures to detect the problems and solved L2 and L3 issues

## EDUCATION

### Binghamton University, NY

08/2016 – 05/2018

M.S in Computer Science, Coursework included computer networks, database systems, cloud computing

### KLUniversity, India

08/2012 – 05/2016

Bachelors with Major in Computer Science

## PROFESSIONAL DEVELOPMENT

**Linux Platform Support Project:** Designed and deployed a highly available, fault tolerant and scalable website on AWS using VPC Cloud, Route 53, S3, EC2, Cloud Front, ELB with auto-scaling, performed redirections and maintained Apache server

**Event Management System (Oracle PL/SQL):** Formulated and built an event management database schema which is used to store and manage events organized in a University. Each feature was implemented as one or more PL/SQL procedures

**Ecommerce Painting Store (Java, JSP, Servlets, MySQL, JDBC):** Developed an ecommerce painting store where users can sign up, login, buy paintings and add them to cart and checkout. Hosted the application onto AWS Elastic Beanstalk