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## SRE CERTIFIED PROFESSIONAL

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TRAINER NAME	RAJESH KUMAR
NO. OF HOURS	120 HOURS

LINUX	VAGRANT	AWS	DOCKER	JIRA
CONFLUENC E	PYTHON	GIT	GITHUB	SONARQUBE
COVERITY	MAVEN	GRADLE	PACKAGE	ARTIFACTOR Y
SELENIUM	JMETER	ANSIBLE	KUBERNETE S	HELM
TERRAFORM	JENKINS	DATADO G	SPLUNK	NEWRELIC
HTTP	RANCHER	ENVOY	CONSUL	VAULT
PROMETHEU S	GRAFANA	ELK STAKE	PAGERDUT Y	OPSGENIE
RUNDECK	APPDYNAMIC S	SECRETS MANAGE R	NGINX	ISTIO

# SRE = DEVOPS TOOLS + SRE TOOLS

## CERTIFICATION AGENDA - SRE

- **SDLC MODELS & ARCHITECTURE WITH AGILE, DEVOPS, SRE & DEVSECOPS, SOA & MICRO SERVICES** - CONCEPT
- **PLATFORM** - OPERATING SYSTEMS - CENTOS/UBUNTU & VIRTUALBOX & VAGRANT
- **PLATFORM - CLOUD** - AWS
- **PLATFORM - CONTAINERS** - DOCKER
- **PLANNING AND DESIGNING** - JIRA & CONFULENCE
- **BACKEND PROGRAMMING LANGUAGE** - APP DEV WITH PYTHON/FLASK WITH MYSQL DB
- **SOURCE CODE VERSIONING** - GIT USING GITHUB
- **CODE ANALYSIS & SECURING CODE (SAST)** - SONARQUBE & COVERITY SCAN & SNYK
- **BUILD MANAGEMENT** - MAVEN AND GRADLE
- **PACKAGE MANAGEMENT** - PACKER & ARTIFACTORY
- **UNIT TESTING & ACCEPTANCE TESTING & COVERAGE** - WEB APPLICATIONS - JUNIT & SELENIUM & JACOCO & JMETER
- **CONFIGURATION & DEPLOYMENT MANAGEMENT** - ANSIBLE
- **CONTAINER ORCHESTRATION** - KUBERNETES & HELM INTRODUCTION
- **INFRASTRUCTURE CODING** - TERRAFORM
- **CONTINUOUS INTEGRATION** - JENKINS
- **INFRASTRUCTURE MONITORING TOOL** - DATADOG
- **LOG MONITORING TOOL** - SPLUNK
- **APPLICATION PERFORMANCE MONITORING** – NEWRELIC
- **WEBSERVER** - APACHE HTTP & NGINX
- **MULTI-CLUSTER KUBERNETES ORCHESTRATION PLATFORM** - RANCHER
- **SERVICES MESH DATA PLANES & CONTROL PLANES** - ENVOY & ISTIO

- **NETWORK CONFIGURATIONS AND SERVICE DISCOVERY** - CONSUL
- **SECURING CREDENTIALS** - HASHICORP VAULT & AWS SECRETS MANAGER, AZURE KEY VAULT, AWS KMS, KUBERNETES SECRETS
- **INFRASTRUCTURE MONITORING TOOL** - PROMETHEUS WITH GRAFANA
- **LOG MONITORING TOOL** - ELASTICSEARCH LOGSTASH KIBANA(ELK STACK)
- **INCIDENT RESPONSE** USING PAGERDUTY & OPSGENIE
- **PRODUCTION ENV JOB SCHEDULER AND RUN BOOK AUTOMATION** - RUNDECK
- **APPLICATION PERFORMANCE MONITORING** – APPDYNAMICS

## TRAINER DETAILS

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**NAME - RAJESH KUMAR**

LINKEDIN - [HTTPS://WWW.LINKEDIN.COM/IN/RAJESHKUMARIN/](https://www.linkedin.com/in/rajeshkumarin/)

WEB CV - [HTTPS://WWW.RAJESHKUMAR.XYZ/CV/](https://www.rajeshkumar.xyz/cv/)

TRAINING CLIENTS - [HTTPS://WWW.RAJESHKUMAR.XYZ/CLIENTS/](https://www.rajeshkumar.xyz/clients/)

### **SUMMARY -**

TOTAL, OVER 18 YEARS OF EXTENSIVE EXPERIENCE WORKING WITH MORE THAN 10 SOFTWARE DEVELOPMENT COMPANIES FOR SOFTWARE DEVELOPMENT & MAINTENANCE OF PRODUCTION ENVIRONMENTS INVOLVED IN CONTINUOUS IMPROVEMENT AND AUTOMATING ENTIRE LIFE CYCLE USING LATEST DEVOPS TOOLS AND TECHNIQUES FROM DESIGN AND ARCHITECTURE, THROUGH IMPLEMENTATION, DEPLOYMENT, AND SUCCESSFUL OPERATIONS. ALSO, HELPING MORE THAN 200 SOFTWARE ORGANIZATIONS & 30000 ENGINEERS GLOBALLY, PROVIDING COACHING, MENTORING AND

CONSULTING IN DEVOPS, CICD, CLOUD, CONTAINERS, SRE, DEVSECOPS, MICROSERVICES AND OPERATIONS.

## **DEVOPSSCHOOL ADVANTAGE: SRE**

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- SUMMARY - 45 TOOLS.
- FEES - INR 49999 OR \$700
- DURATION - 80 HOURS / 2 MONTHS PROGRAM
- ECONOMICS - INR 1111/TOOL OR \$15/TOOL FOR LIFETIME
- INSTRUCTOR LED LIVE TRAINING SESSION
- LIFETIME ACCESS TO LMS  
([HTTPS://WWW.DEVOPSSCHOOL.COM/LMS/](https://www.devopsschool.com/lms/))
- TRAINER WITH 18+ REAL TIME EXP FROM TOP PROD BASED COMPANY
- 1000+ REAL-TIME INTERVIEW QUESTIONS & ANSWER
- INTERVIEW PREPARATION ONLINE KIT
- ASSIGNMENT FOR EACH TOOLS
- REAL TIME BASED PROJECT PER COURSES
- 6 MONTHS FREE INTERNSHIP BASED ON MERIT BY COTOCUS PVT LTD IT COMPANY ([HTTPS://WWW.COTOCUS.COM/](https://www.cotocus.com/))

### **COURSE SYLLABUS LINK -**

[HTTPS://DEVOPSSCHOOL.COM/CERTIFICATION/SRE-CERTIFIED-PROFESSIONAL-SRECP.HTML](https://devopsschool.com/certification/sre-certified-professional-srecp.html)