|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | C:\Users\Admin\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Word\20180817_132504.jpg | Dr. K.Karpagam (PhD) – Micro services   specialist  Decisive, strategic and performance-driven professional targeting senior-level assignments in **DevOps Engineering** with an organization of high repute in **IT Industry** | | |  |  | | --- | --- | | +91 9944999577/ +91 96778 00131 |  | | drkarpagamk@gmail.com |  | | Tiruppur |  | |  |  | |
|  | **PROFILE SUMMARY**   * **REDHAT Certified Engineer** with 9 + years experience in IT industry * 4 + Years **experience on Openshift, Kubernetes, Docker, Gitlab, Jenkins,** DevOps **and Cloud Technologies.** * Developing processes as per standards & best practices while adhering to compliance to **DevOps.** * Good experience on IAAS **(AWS Services**), Cloud Computing architecture (AWS) & building deploying in and maintaining the cloud experience. * Architecture and hands-on Engineering Production experience in large environments using configuration management tools **Ansible.** * Working in a Dockers environment, good knowledge of **Dockers containers and networks.** * Working experience in continuous integration & continuous deployment tool like **Jenkins** and dependency tools like **Gitlab.** * Working with Container orchestration tool like **Kubernetes** and **maintaining pods health**. * Responsible for managing all aspects of the software configuration management process including code compilation packaging deployment release methodology and application configurations. * Real time projects using **python & machine learning** concepts and display with dashboards * Experienced in productivity & efficiency enhancing **tools implementation, administration & management** in areas covering Static Analysis, Requirements Management, Defect Tracking, Quality Code Coverage and Code Reviews , Software Testing using **Junit Testing , selenium and Jmeter** * **TIMELINE**  |  |  |  |  | | --- | --- | --- | --- | | C:\Users\Admin\Desktop\Dell_logo_2016.svg.png  ***Mar ’11 – Apr ’16*** | C:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\3ECE4EC0.tmpC:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\3ECE4EC0.tmpC:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\3ECE4EC0.tmpC:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\3ECE4EC0.tmpC:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\3ECE4EC0.tmp | ***C:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\E10BF062.tmp***  ***Feb ’17 – Feb’21***C:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\E10BF062.tmp | ***Aug ’21 - Mar ‘22*** |   **EDUCATION**   * **Philosophy of Doctorate in Science and Humanities (Computer Application )** from Anna University, Chennai in 2019 * **M.Phil** from Bharathidasan University ,Tamilnadu * **Master of Computer Application** from Bharathiyar University, Sri Krishna College of Engg. & Technology , Tamil Nadu * **Bachelor of Computer Science**  from Bharathiyar University ,Vidya Sagar College, Tamil Nadu | | **CORE COMPETENCIES**  knowledge24x24icons**SOFT SKILLS**   |  |  | | --- | --- | | Thought Leadership |  | | Conflict Resolution |  | | Decision Making |  | | Analytical Thinking |  |   **IT SKILLS**  **DevOps Tools**: Gitlab, Jenkins, YAML, Nginx,   Ansible  **Cloud:** AWS  **Microservices**: Dockers, Kubernetes , Openshift  **NW Tech**: DNS, FTP, NIS, NFS, TCP/IP, UDP,   HTTP, SSL, SSH  **Database:** MySQL, SQL, Mongo DB  **Scripts**: Python, Shell, JavaScript ,AngularJs  **OS Platforms**: Linux, Windows  **Programming**: C , Java ,Python  **Automation:** Ansible, Selenium  **VMware**: Hypervisor, Fault Tolerance, Rational rose  **Middleware**: Apache Web Server, PHP ,WAMP server  **Tools:** Weka, R, Anakonda, Jupyter  **CERTIFICATION**  **C:\Users\anshal.jain\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\73CECBFE.tmp**  REDHAT Certified Engineer: RHCSA, RHCE, Open shift Administration II | |
|  | **WORK EXPERIENCE**  **Aug 21 – Till date at with VMWARE Technologies , Bangalore as DevOps Engineer**   * **Troubleshooting** for complex networking/ information systems management through Devops supporting tools * **Working on Microservices for projects** * Support the team with knowledge transfer and training the Devops tools. * **Maintaining Pods using** **Kubernetes** commands for uphold the health of the information system and **Maintaining Persistent Volume & Persistent Volume Claim Life Cycle** * Working on **Kibana, Lozio, Bigpanda, Optimus, Pagerduty, Jenkins, JIRA,** Confluence tools for handling and resolving severity tickets * Configuring the **Dockers containers** and creating **Dockers files** for different environments. * Created the deployments, services, and ingress flows for the application setup in the **Kubernetes cluster**.   − Performing **roll back and roll out** features for the application using K8S.  − Maintaining the source code in **GIT** for various applications.  -Responsible for the **Prod push using GIT** for deploy of all the projects during my duration.  − Using J**enkins** for continuous integration and performed continuous deployments for **automation** of daily process.  − Build and configured Jenkins slaves for parallel job execution  **Feb 2017 – Feb 2021 at with HCL Technologies, Chennai as DevOps Engineer**   * Used Kubernetes to orchestrate the deployment, scaling and management of Docker Containers. * Proficient with container systems like Docker and container orchestration like EC2 Container Service, Kubernetes * Maintaining IT Service Management Process, Ticket Management and providing DevOps Support * Administering DevOps practices and executing day-to-day operations from development to production * Worked on various platforms including Devops, AWS, CI/CD, Docker, Jenkins, Amazon EC2, Machine Learning, Cloud computing with different programming languages and supported the production cluster management system   **PROFESSIONAL AFFILIATIONS PREVIOUS EXPERIENCE**  **Mar ‘11 – Apr ’16 with DELL Technologies as System Engineer**  Gained extensive exposure and training in automation, cloud management, building and deployment of test codes; managed technical design documents, reviewing IT solutions, code, SQL scripts and test scripts as a part of project team.   * Implementing code builds and automating deployment procedures. * Designing technical roadmap to maintain cloud systems with assistance of a wide range of Cloud technologies * Preparing SOW (Statement of Work) defining project-specific activities, deliverables and timelines to submit the task * Reduced costs by subscription, planed downtime and sized storage each month by eliminating unnecessary servers and consolidating databases   **PERSONAL DETAILS**  **Address**: 34, Andal Srinivasa Layout, Udumalpet - 642126, Tiruppur dist  **Date of Birth**:25-3-1980  **Languages Known**: English , Tamil , Kanada (speak), Hindi | | | |