

MS Akhilkumar

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Pragmatic **Sr Software Analyst** Over 5 years of experience in designing and implementing **Pipeline and Application Infrastructure** solutions across diverse domains, including **Healthcare** and **Analytics**. **Proficient in DevOps practices and skilled in managing** Infrastructure configurations

Professional Experience

Carelon Global Solution

Bangalore, India

Sr Software Analyst II

November 2022

- Developed multiple cloud deployment pipelines.
- Automated server stats retrieval and installation processes.
- Led a team for 10 members.
- Improved JVM and cluster performances.
- Externalized Services including Kafka, Hazelcast and Elasticsearch.
- Expertise in troubleshooting pipeline build and deployment issues.
- Migrated OCP AWS LZ to ROSA.

Technologies: OCP, EKS, Kubernetes, Docker, Ansible, Bamboo, Git, Bitbucket, Bash, Helm Chart

Software Engineer II

June 2019 - November 2022

- Configured and build Dashboards for monitoring multiple applications.
- Set up prompt alerts and webhooks to Microsoft Teams for monitoring.
- Handled External and internal application and server certificate generation and renewal.
- Automated Pega API tasks
- Created following tools:
 - Log Bot.
 - File Transfer Bot.
 - File monitor Bot.

- Conducted automation testing for application validation.
- Managed more than 20 PEGA application infrastructures.

Technologies: Python, Power shell, Splunk, AppDynamics, Data Dog, Selenium, Venafi, Apache Tomcat 24.0

U.S.T

Kochi, India

Associate Software Engineer

Jan 2018 - May 2019

- Automated data load batches.
- Automated application validation process.
- Developed an internal portal of external team data access.
- Monitored external services and coordinated related activities through APIs.

Technologies: Python (Django), SQL, Bash script, OCP, Cobol, Jenkins

Technical Skills and knowledge

OpenShift4, Docker, Kubernetes, Bamboo, Splunk, Python (Django), Ansible, Linux, Git, SQL, Jenkins, Prompt Engineering, EKS.

Honors

- **Spot Award (Carelton Global solution 2023)**
 - Received for exceptional teamwork and problem-solving skills.
- **Automation Excellence Award (Carelton Global solution 2023)**
 - Led the team's successful transition of automated and cloud-based solutions.
- **Client Award (2020)**
 - Commended for promptly resolving user issues and consistently meeting SLAs.
- **Automation Award (Carelton Global solution 2020)**
 - Acknowledged for driving automation initiatives within the organization.
- **Best Team player Award (U.S.T, Q4 2018)**
 - Recognized for outstanding performance and contributions to the team.

Education

- 2015 – 2017 | Sree Narayana Gurukulam college of Engineering ,Kochi
Master of Computer Application
- 2013– 2015 | Yeldo Mar Baselios College, Puthuppadi, Kerala
Bachelor of Computer Application

Personal Skills

- Cheerful Disposition and Hard Working
- Good Communication Skills
- Neat and Well-Organized
- Motivated by Problem Solving
- Adaptability
- Address Emerging Challenges

Conference Attended

- Attended the class on Debian Packaging (2017) organized by Ilu cochin and Foss club Kerala at Kinfra H techPark,Kalamassery.
- Attended session on Reacts (2018) organized by Rajaguru School of Engineering & Technology - Attended the 2015/ 2016 FOSSMEET organized by National Institute of Technology, Calicut
- Conference on AI Boot Camp and future Enhancement at MOB conf 2017 - Attended the session organized by Disrupt Kerala Trivandrum, organized by FAYA,2017.
- Attended the Session on Intellectual Property Rights and Patent Drafting organized by KSCSTE Trivandrum 2017
- Dev Conf 2019 Christ University Bangalore Karnataka (Organizers: Red Hat).
- Azure community conference 2021
- Static Web apps and AWS on 2021 May
- Session on Docker and Kubernetes Organized by KMUG 2021/2022.

Personal Projects

- Raspberry Pi NAS (Network Attached Storage) for File Sharing
 - Set up a Raspberry Pi as a file server to store and share files over your local network.
 - Use external hard drives or USB storage devices connected to the Raspberry Pi.
 - Access files from other devices on the same network.
- Web Crawler
 - Develop a web crawler or web scraper to automatically collect data from websites.
 - Specify the websites you want to crawl and define rules for extracting relevant information.