

Ashwin V

6380161587

ashsivu567@gmail.com

www.linkedin.com/in/ashwin-siva-8a012b212

<https://github.com/Ashoncloud>

PROFILE:

Technically enthusiastic and results-driven Support Engineer with expertise in manual, automation testing, and DevOps. Strong background in test automation, scripting, CI/CD pipelines, and a wide range of DevOps tools. Experienced in the installation, configuration, and management of server nodes, ensuring system stability and efficiency. Passionate about optimizing software delivery processes, enhancing system performance, and facilitating seamless integration between development and operations. Adept at troubleshooting, automation, and continuous improvement to drive operational excellence.

TECHNICAL SKILLS:

- Containerization: Docker
- Orchestration: Kubernetes
- Cloud Platform: AWS, AZURE
- Scripting: Bash and Python
- Version Control: GIT, GITHUB and GITLAB
- Operating System: Linux (Ubuntu, CentOS), Windows server
- Network Protocols: SMTP, HTTP, HTTPS
- Infrastructure as Code: Terraform and Ansible
- Monitoring & Observability: Prometheus and Grafana
- CI/CD JOB: Jenkins, Argo CD
- Programming language: Python and Bash scripting.
- Telnet Tools: mobaXterm, PuTTY, Git Bash, VS code
- Agile methodology | scrum | QA Analysis

CERTIFICATIONS & PROFESSIONAL TRAINING COURSES:

- DEVOPS ENGINEER Certification from Star Agile associated with IBM.
- AWS CCP (Certified Cloud Practitioner), Amazon Web Service
- Professional Certificate: Google IT Automation with Python, Google
- Python & Selenium WebDriver QA Automation, Udemy
- PGDCA (Post Graduation Diploma in Computer Application)
- DIT (Diploma in Technology)
- B.A Hindi

WORK EXPERIENCE:

QA Engineer, Amazon Development Centre (June 2022 - present)

- 1.5 years of product testing experience with QA methodologies and creating test plans for the projects and 1.3 on support engineering on preprod release for kindle shopping experience team
- Identified high critical and blocker bugs that got converted to high severity and led to hot fix
- Created a "Chrome extension" tool called "scheduled pop-up alerts" with the help of alarm API and pop-up API from chrome extension developer console which will give the timely reminder pop-up of doing things which has utmost importance and reduce escalation of being not done.
- Implemented Parallel Array Grouping Testing Model for the Regression Testing Team for the effective testing approach and execution for diminution of non-test execution hours with saves 1800 hours per year and approved as Kaizen
- Found technical root cause of high critical bugs and helped them get fixed. Documented audit findings on Test coverage gaps and recommended improvements
- QA On-call/Lead role in Assigning Task to the team, query handling, driving regression for closure and generated testing status report with all the necessary callouts.
- Developed multiple automation tools to reduce manual efforts, including Defect of the Day, Individual Bug Report Tool, and Weekly/Monthly Bug Metrics Tool for stakeholders using Python.

- Involved in many R&D meetings and helped in analyzing many process improvements related validation and gave successful closure.

DevOps Intern, Star agile associate with IBM (October 2024 – Present)

- Hands-on experience in CI/CD pipeline setup using Jenkins, GitLab CI/CD, and AWS DevOps.
- Proficient in Docker for containerization and Kubernetes for orchestration.
- Experience with cloud platforms such as AWS for deployment and infrastructure management.
- Skilled in Terraform and Ansible for Infrastructure as Code (IAC) automation.
- Strong knowledge of Linux administration, Shell scripting, and Python automation.
- Worked on monitoring tools like Prometheus and Grafana for performance tracking.
- Designed and implemented an end-to-end DevOps project on Banking, insurance and medical for migrating a Monolithic application to Microservices architecture.
- Built CI/CD pipelines using Jenkins, GitLab CI/CD, and AWS DevOps to automate deployment and testing.

EDUCATIONAL QUALIFICATION:

Jain university, Bangalore

- MCA, cloud computing

Shanmugha Arts, Science, Technology & Research Academy

- Bachelor of Commerce (2018-2021)

PROJECTS:

1. Monolithic to microservice on 3 Domain's

- FinanceMe – DevOps Implementation for Banking Application

Technologies: Spring Boot, AWS, Kubernetes, Docker, Terraform, Ansible, Jenkins, Maven,

Git, Prometheus, Grafana

- Medicure – DevOps Automation for Healthcare Microservices

Technologies: Spring Boot, Kubernetes, AWS/Azure/GCP, Jenkins, Git, Terraform, Docker, Ansible, Prometheus, Grafana

- InsureMe – DevOps Transformation for Insurance Application

Technologies: Spring Boot, AWS, Kubernetes, Docker, Terraform, Ansible, Jenkins, Git, Prometheus, Grafana

- **Terraform** – Defined and provisioned AWS infrastructure as code, ensuring repeatability and scalability.
- **AWS** – Deployed cloud resources, including EC2, S3, IAM
- **Linux** – Base OS and automated system configurations, managed permissions, and optimized performance using Bash scripting & Ansible.
- **Docker** – Containerized applications for portability and efficient deployments across different environments.
- **Kubernetes** – Managed container orchestration, auto-scaling, and load balancing using K8s deployments, services.
- **Jenkins** – Implemented an automated CI/CD pipeline that integrates with GitHub, Docker, and Kubernetes for seamless deployments.
- **Maven**: To create artifacts
- **Prometheus** – Set up real-time monitoring and alerting for Kubernetes pods, nodes, and application metrics.
- **Grafana** – Created custom dashboards for visualizing system health, application performance, and key DevOps metrics.

REWARDS& RECOGNITION:

- **Star of the Month (Quarter back Champion)** – Got 3 RnR awards for professional excellency
- **Prime player (Innovation champion)** – 2 prime player awards for critical support during prime day and VOC (Voice of customer) analysis on walk the store initiative

Personal Details:

Nationality: Indian

DOB: 24/10/2000

Address: old perungalathur, Chennai

DECLARATION:

I hereby declare that all the information furnished above are complete and true to the best of my knowledge.