Akilan Subramanian

- https://www.linkedin.com/in/akilans/
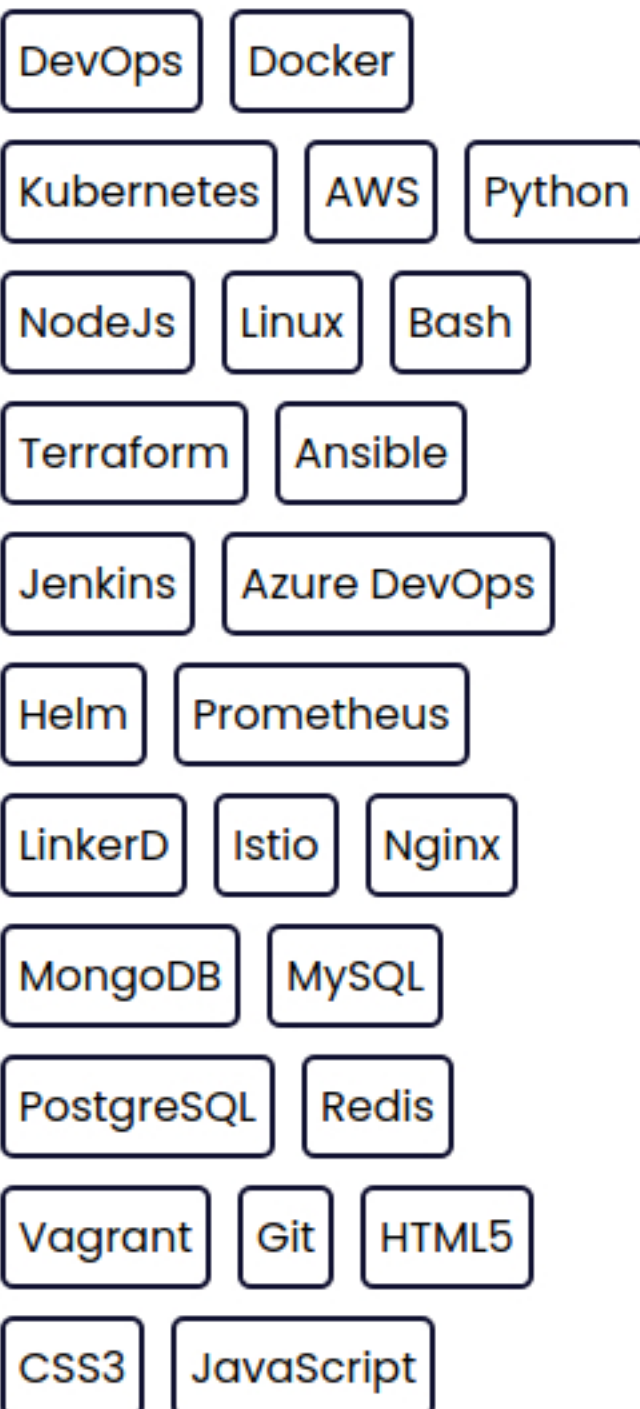- https://github.com/akilans/

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Skills

DevOps	Docker	
Kubernetes	AWS	Python
NodeJs	Linux	Bash
Terraform	Ansible	
Jenkins	Azure DevOps	
Helm	Prometheus	
LinkerD	Istio	Nginx
MongoDB	MySQL	
PostgreSQL	Redis	
Vagrant	Git	HTML5
CSS3	JavaScript	

Certifications

CERTIFIED kubernetes ADMINISTRATOR

CERTIFIED kubernetes APPLICATION DEVELOPER

Google Cloud Certified — ASSOCIATE CLOUD ENGINEER

Education

Bachelor of Engineering
Electronics and Communication
Engineering - 2005-2009
Anna University, Chennai, India

Work Summary

- 10 years of experience in analysis, design, development, build, test, release, deployment and managing various web and micro service applications.
- Expertise in DevOps and has worked in multiple complex DevOps engagement which involved using various tools, platforms, environments
- Strong experience in different tools like Ansible, Terraform, Docker, Kubernetes, OpenShift, Heroku, Gitlab, ArgoCD, Prometheus, Grafana, Vagrant, SonarQube, Liquibase, FlywayDB, Maven, Ant, Grunt, Karma, Jasmine, Istanbul, Jest, Web pack, Babel, Enzyme, Eslint, Jenkins
- Good in Shell scripting, PHP, Python, NodeJS, ReactJS, Angular, Linux, MySQL, MongoDB, Redis, HTML5, CSS3, JS, Bootstrap, JSON, YAML, API
- Experienced in public cloud services like AWS, Google Cloud
- Strong knowledge in developing, deploying and managing front end web applications using JS frameworks such as Angular, ReactJS and backend applications using PHP, Python, NodeJS, Java.

Work Experience

Technology Lead [DevOps] - 05/2015 to till now, Infosys, Bangalore, India
Senior Software Engineer - 01/2013 to 05/2015, Tismo Technologies, Bangalore,India
PHP developer - 01/2012 to 01/2013, SilverZone, Bangalore,India

Project Experience

- **BP – MuleOps Platform [London, UK]:** Implemented CICD solutions for MuleSoft based APIs On 3 different platforms [On-premises, CloudHub, RTF] using OpenShift, Azure DevOps service, Python, Bash Script etc.
- **BMW – Database as a Service:** Implemented CICD solutions for Openshift based Database as a service [PostgreSQL, MongoDB, Elastic Search etc.] solution using Jenkins, Groovy, Docker, Yahoo cloud serving Benchmark(YCSB), Python, AWS S3 etc.
- **Infosys McCamish:** Implemented CICD solution for Docker based micro service application involves Angular, NodeJS, Spring Boot stack using Maven, Junit, Jenkins, Angular CLI, SonarQube, Groovy, Kubernetes. Created CICD POC solution for both Docker Swarm and Kubernetes orchestration
- **Daimler IBM IIB:** Implemented CICD solution for IBM IIB based application and Angular using Maven, SonarQube, Junit, SoapUI, Jenkins, PowerShell script.
- **Owlet Streetlight system:** Created web based streetlight control system using PHP, Python, MySQL, CSS, JavaScript, JQuery, Google maps API, Time and Date API, Linux, IOT system API etc.
- **Infosys DevOps COE:** Involved CI/CD implementation, Maturity Assessment, CI/CD showcasing, Client Solution discussion