



- <https://linkedin.com/in/akilans/>



- <https://github.com/akilans/>

Akilan Subramanian

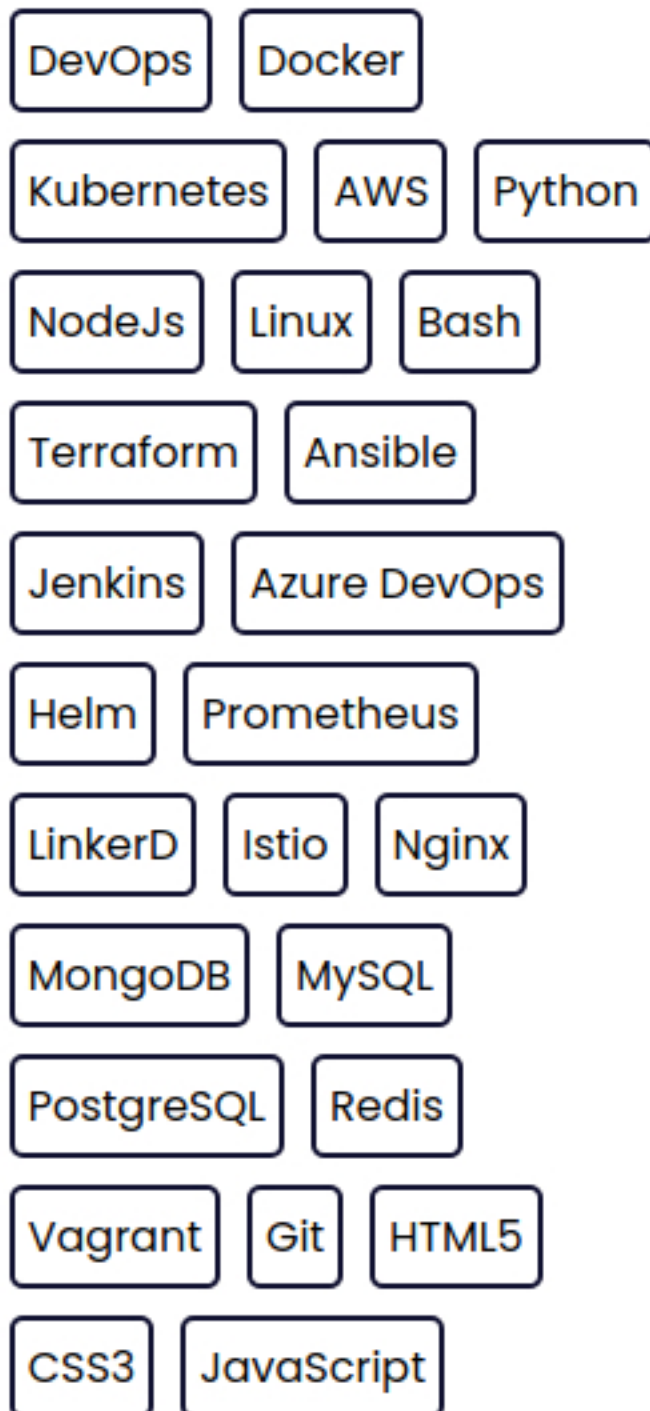
DevOps | Kubernetes | AWS | Python

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celebrity layout,
doddathoguru,
electronic city phase 1,
Bengaluru,
Karnataka - 560100

Skills



Certifications



Education

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 Docker, Kubernetes, Ansible, Terraform, Azure DevOps, Jenkins, Prometheus, Grafana, Vagrant, SonarQube, Istio, LinkerD
- Good in Shell scripting, PHP, Python, NodeJS, 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

- **DowJones - AWS Platform** : Migrated more than 20 web services from On-premises to AWS cloud using Docker, AWS ECS, ALB, EC2, Terraform, Jenkins, Bash, Python etc.
- **BP - MuleOps Platform [London, UK]**: Implemented CI/CD 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 CI/CD 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 CI/CD solution for Docker based micro service application involves Angular, NodeJS, Spring Boot stack using Maven, Junit, Jenkins, Angular CLI, SonarQube, Groovy, Kubernetes. Created CI/CD POC solution for both Docker Swarm and Kubernetes orchestration
- **Daimler IBM IIB**: Implemented CI/CD 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