



# Aravindhan Kolanjinathan

Devops/Site Reliability Engineer

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Skilled DevOps Engineer with 12+ years of overall experience in IT industry comprising of Environment management, Application Development/Maintenance in C++, Business Analyst and Software Control & Distribution (SC&D coordinator). Seeking a challenging position in the organization where my knowledge would make a significant contribution to the company's growth, which would enhance my skills

## WORK EXPERIENCE

<b>Encore IT Solutions</b> Devops Lead	(December 21, 2020 - Present)
<b>IBM India Pvt Ltd</b> SC&D coordinator, Application Developer, Business Analyst	(July 02, 2009 - December 20, 2020)

## EDUCATION

<b>Panimalar Engineering College</b> B.Tech, Information Technology	(May 31, 2005 - May 31, 2009)	70%
<b>Devi Academy [Matric]</b> XI-XII, Computer Science	(June 01, 2003 - May 31, 2005)	71%
<b>Devi Academy [CBSE]</b> X	(February 28, 1991 - May 31, 2003)	69%

## SKILLS

<b>AWS</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>GIT</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Kubernetes</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Docker</b> <div><div></div><div></div><div></div><div></div><div></div></div>
<b>Jenkins</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Ansible</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Terraform</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Prometheus</b> <div><div></div><div></div><div></div><div></div><div></div></div>
<b>Grafana</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Alert Manager</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Pagerduty</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Jira</b> <div><div></div><div></div><div></div><div></div><div></div></div>
<b>Confluence</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Shell scripting</b> <div><div></div><div></div><div></div><div></div><div></div></div>	<b>C/C++</b> <div><div></div><div></div><div></div><div></div><div></div></div>	

## CERTIFICATIONS

<b>CKAD</b> CNCF Certified Kubernetes Application Developer <a href="https://training.linuxfoundation.org">https://training.linuxfoundation.org</a>	(June 10, 2021)	<b>CSM</b> Scrum Alliance Certified Scrum Master	(January 27, 2015)
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## AWARDS

<b>Eminence and Excellence - SPARK award</b> IBM 2014 2014 Two awards - "Put the client first" , "Customer connect - Excellence in project delivery"	<b>Mountain Mover Award</b> IBM 2014	<b>Eminence and Excellence</b> IBM 2012	<b>Manager's choice Award</b> IBM 2016, 2018
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## PROJECTS

<b>Bluescape</b> SRE <b>Bluescape is a virtual cloud based collaboration platform designed to benefit users separated by time to collaborate, create and preserve their ideas in one space</b> -> Monitor critical applications and services to minimize downtime and ensure their availability. -> Be on stand-by to interface with developers when issues arise and interact with developers to provide consultation and troubleshooting services when alerts get raised. -> Involve in review process and responsible for identifying the root-cause and how to prevent the future occurrence of similar incidents. -> Collaborate for high-priority Incident Tickets and ensuring system recovery within an SLA -> Responsible for identifying and creating indicators, while keeping an eye on performance. -> Optimize the Software Development Life Cycle (SDLC) to boost service reliability. -> Reduce operational expenses, lessen and mitigate failure points, while automating monotonous time and resource wasting tasks	(December 24, 2020 - Present)
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<b>CLS Bank</b> DevOps Engineer <b>CLS (originally Continuous Linked Settlement) is a specialist US financial institution that provides settlement services to its members in the foreign exchange market (FX). Firms that chose to use CLS to settle their FX transactions can mitigate the settlement risk associated with their trades.</b> -> Participation and Contribution in design and deployment of multitude of cloud services on AWS stack such as EC2, Route53, S3, EFS, ELB, RDS, IAM and Cloud Watch while focusing on high-availability, fault tolerance, and auto-scaling. -> Participation and Contribution in migration of servers from current data center to Amazon Web Services Cloud. -> Implemented a CI/CD pipeline involving Git, Jenkins, Ansible to complete the automation from commit to Deployment. -> Experience in setting up the pipeline in Jenkins and helping the team for release candidate builds. -> Helped developers with version control system tasks such as branching, merging and cherry-pick changes. Worked on SCM tools like Git, Git Hub. Perform maintenance and upgrade Continuous Integration Systems. -> Built containerized applications using Dockerfile and achieved High-Availability by running applications as Docker Services. -> Deployed and monitored scalable infrastructure on Amazon web services using Terraform & configuration management using Ansible. -> Managing the storage using Elastic Block Storage, S3, creation of volumes and snapshot configuration. -> Setup/Managing VPC, Subnets make connection between different zones -> Monitor AWS resources, set a notification alarm in case of trouble through Cloud Watch. -> Hands-on experience on JIRA for creating bug tickets, workflows, pulling reports from dashboard, creating and planning sprints. -> Documented the entire installation process for various tools and provided on-call support. -> Worked in conjunction with multiple teams to make sure that the infrastructure and customer applications work harmoniously together.	(December 01, 2019 - December 17, 2020)
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<b>CLS Bank</b> Environment Manager <ul style="list-style-type: none"><li>Manual deployment of packages/applications on 15+ servers, performing health checks and sanity tests of installed components after deployments</li><li>Create short-term plans to deliver environments to support sprint-based development</li><li>Monitor and guarantee uptime of test environments</li><li>Provide ongoing support for test environments</li><li>Communicate test environment availability to project management and quality assurance</li><li>Resolve conflicts between teams competing for limited testing resources</li><li>Move test environment activities toward a goal of 100% automation</li><li>Provide estimates for onboarding of new projects to test environments</li><li>Design systems to support continuous delivery and adapt test environment management to support on-demand, self-service automation</li><li>Forecast environment requirements based on anticipated future demand from multiple application development teams</li></ul>	(August 11, 2017 - November 29, 2019)
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<b>CFSW</b> Business Analyst <b>Configurator for Software (CFSW) is a web based portal for purchasing software products for IBM z-Series machines</b> -> Converting customer requirements into formal requirements -> Translating and simplifying requirements to development team -> Assisting complex requirements with business case -> Responsible for deciding scope, planning and tracking aspects of the project -> Responsible for effective communication between the project team and the customer -> Provide day to day direction to the project team and regular project status to the customer	(February 10, 2014 - August 10, 2017)
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<b>CFSW</b> Application Developer - C++ -> Work with Business Analyst in translating business requirements into Functional requirements -> Demonstrate creativity in identifying effective approaches to develop software solutions -> Understand product requirements and suggest improvements necessary for product -> Coordinate and communicate tasks with developers and to ensure that development is performed as per requirements -> Participate in all phases of agile development methodology -> Communicate activities/progress to project managers, business development, business analysts and clients -> Perform code reviews and mentor other developers, associate developers and interns -> Participate in interview and hiring practices as advised by management team -> Cultivate strong work relationships with co-workers	(July 15, 2009 - February 07, 2014)
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## LANGUAGES

<b>English</b> Expert <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Tamil</b> Expert <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Hindi</b> Intermediate <div><div></div><div></div><div></div><div></div><div></div></div>	<b>Telugu</b> Beginner <div><div></div><div></div><div></div><div></div><div></div></div>
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## REFERENCES

<b>Pari Nagarajan</b> Project Manager +91 95000 54823 pnagarajan@encoress.com	<b>Dinesh Perumal</b> Team member +91 99941 20042 dperumal@encoress.com
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