

# Kirubaharan Rajenthiran

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## SUMMARY

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I am a Highly skilled and motivated DevOps Engineer with a proven track record in designing and managing complex infrastructure and implementing robust security policies. Expertise in automation, cloud computing, and open-source technologies. Demonstrated ability to create and manage CI/CD pipelines, deploy and monitor AWS EKS clusters, and manage AWS VPCs and VPNs. Proficient in system hardening and infrastructure-as-code using Terraform. Previous experience in product management, client support, incident management, and vulnerability analysis. Committed to delivering innovative solutions and achieving operational excellence.

## EXPERIENCE

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### AWS Associate

Macro Global Technology

Dec 2021 – Present

Trichy, India

- Designed and implemented highly scalable and secure infrastructure solutions, ensuring 99.99% availability and compliance with industry standards.
- Improved observability solutions, leveraging Fluent Bit, Prometheus, Grafana, and CloudWatch, for comprehensive monitoring and proactive issue resolution.
- Implemented CI/CD pipelines using Jenkins, Argo-CD, and GitHub Actions, reducing deployment time by 50% and increasing feature delivery frequency.
- Automated tasks with Bash and Golang, significantly improving operational efficiency and reducing manual efforts by 50%.
- system hardening initiatives, implementing security best practices and conducting regular vulnerability assessments.
- Deployed and managed scalable AWS EKS clusters, optimizing resource utilization and improving application performance by 30%.
- Deployed ML based models and automating by pipelines the deployment and optimizing the deployments by turning into microservices.
- Architected and managed complex AWS VPCs and VPNs, ensuring secure connectivity and seamless data transfer across environments.
- Successfully achieved SOC-2 compliance, implementing stringent security controls and conducting regular audits.

### Support Engineer

wipro Technology (contract)

May 2020 – Jun 2021

Chennai, India

- Provided exceptional product management and client support, resolving critical issues within strict SLA timeframes and maintaining customer satisfaction ratings above 95%.
- Served as the primary point of contact for clients, facilitating effective communication and knowledge sharing.
- Monitored application availability and performance, proactively identifying and resolving potential bottlenecks.
- Analyzed ticket issues and implemented measures to reduce incident volumes to improving overall system stability.
- Actively participated in incident management and service request handling, ensuring timely resolution and minimizing business impact.

### NOC Support Engineer

Trans Trac Technology

Jan 2019 – Aug 2019

Chennai, India

- Maintained and managed Linux servers and cloud infrastructure, ensuring high availability and optimal performance.
- Led incident management efforts, providing timely resolutions and minimizing downtime.
- Orchestrated regular security patches and updates to mitigate vulnerabilities and protect against emerging threats.
- Implemented robust monitoring solutions, analyzing system metrics and proactively addressing performance issues.
- Conducted thorough vulnerability assessments, identifying and mitigating security risks through prompt remediation.

## TECHNICAL SKILLS

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**Containerization** : Kubernetes, Docker, AWS EKS, AWS ECS  
**CI/CD** : Jenkins, Argo-CD, GitHub Actions  
**Scripting** : Bash, YAML, Golang (intermediate)  
**Dev Tools** : Visual Studio Code, Git, Gitlab  
**Mointoring Tool** : Fluent Bit, Prometheus, Grafana, CloudWatch, Athena, S3  
**Networking** : AWS VPC, VPN, FortiGate Firewall  
**Cloud Providers** : AWS,Microsoft Azure  
**Web Servers and Load Balancer**: AWS ELB, Apache, Nginx, AWS EKS Ingress, AWS CloudFront

## EDUCATION

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**Bharathidasan University**  
*Bachelors in Computer Application*

Trichy,India  
*Jun 2020 – may 2023*

**Sri Ramkrishan polytechnic college**  
*Diploma in Computer Engineering*

Perambalur,India  
*Jun 2016 – may 2018*

## CERTIFICATIONS

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- AWS Solution Architect - Associate - Sep 2024