



Rajeshkannan Rajendran

DevOps/Cloud Engineer

Objective

Goal oriented mechanical engineer with 10+ years of simulation experience in automotive and appliance industries looking for an opportunity to join in IT field, with relevant training and experience in DevOps. I have an unrelenting desire to work in IT, utilize my skills, expand my career opportunities and grow as an IT professional.

IT Professional experience

Trainee

Greens Technology, Chennai, India

Feb 2022 – Nov 2022

- Developed and maintained automated CI/CD pipelines for code deployment using Jenkins integrating Git and Docker
- Maintained Git workflows for version control (Source Code Management)
- Experience in writing custom dockerfiles to setup automated build and server management in docker
- Good knowledge in AWS provisioning and good knowledge of AWS services
- Experience in creating AWS VPC with private and public subnets, route tables, Internet gateway and NAT gateway as per requirement
- Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment in AWS
- Knowledge in hosting static content in S3 bucket using together with Cloudfront
- Knowledge of networking concepts, Route53(DNS), Cloudfront, VPN tunnels and routing
- Experience with the automation tool Ansible Configuration Management and integration with YAML scripts
- Knowledge of Terraform to automate the AWS services using HCL script
- Managed local deployments in Kubernetes, creating local cluster and deploying application containers

Professional experience

Senior CAE Specialist

Whirlpool of India, Pune, India

Aug 2012 – Aug 2019

- Worked on analytical modeling to reduce product development cost and time. Expert in developing analytical load cases to stimulate actual product handling practices, correlating load cases and simulations with actual testing
- Responsible for project plans, pre-processing, solving, post-processing, calculations, documentation, technical presentations and making design recommendations for the direction of further product development
- Improving the design of structural and packaging parts at different stages of product development



Halberstädter straÙe 17
38444 Wolfsburg



0172 9800921



rajendranrk84@gmail.com

LinkedIn

linkedin.com/rajesh-kannan-rajendran

Hard Skills

Automation Tools

Jenkins	★★★★★
Azure Devops	★★★★★
Docker	★★★★★
Kubernetes	★★★★★
Terraform	★★★★★
Ansible	★★★★★
Git	★★★★★
Jira	★★★★★

AWS Services

VPC	★★★★★
EC2	★★★★★
IAM	★★★★★
S3 Bucket	★★★★★
ELB	★★★★★
ASG	★★★★★

AWS Services

EBS	★★★★★
CloudFront	★★★★★
Route53	★★★★★
RDS	★★★★★
CloudFormation	★★★★★
CloudWatch	★★★★★
CloudTrail	★★★★★
SES	★★★★★
SQS	★★★★★
SNS	★★★★★

Programmiersprache

Python	★★★★★
--------	-------

Operating Systems

Linux
Windows

Hobbys

Reisen
Musik Hören

Language

English	★★★★★
Deutsch	★★★★★

Soft Skill

Team Player
Work independently
Problem-solving
Optimistic

Driving License

Class B

CAE Analyst

Nov 2010 – Aug 2012

Satyam Venture Engineering Service Pvt. Ltd, Hyderabad, India

- Knowledge of regulations such as FMVSS, JNCAP and ECER
- Experience of analytical structural crash/safety simulations to assess crash safety during impact
- Responsible for preparing Seatbelt deck file for LS-DYNA solver and mesh the respective components in the assembly

Design Engineer

Unique Software Systems, Chennai, India Nov 2008 – Nov 2009

- Design of the emergency steering engine, pump assembly, starter motor assembly
- Modeling, assembly and design of the complete assembly of steering and motor using Pro-E

Education

Master of Engineering in CAD/CAM (Mechanical Engineering)

Anna University, Chennai, India

Aug 2006 – Jul 2008

Bachelor of Engineering in Automobile Engineering

Anna University, Chennai, India

Jul 2002 – Jun 2006

Training

Training in Agile Method Competency

edX Online

Dec 2022 – till date

Pisciner C Programming

42 Wolfsburg, Wolfsburg

July 2022 – Aug 2022

Sprintkurs

BNW, Wolfsburg

Oct 2021 – Nov 2021

Berufssprache B2

VHS, Wolfsburg

Nov 2020 – Jul 2021

Deutsch A1, A2 & B1

Erflog Institute, Pune, India

Sep 2019 – May 2020

Wolfsburg, 23. Februar 2023