



# Liviu

Senior DevOps Engineer



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## Professional summary

An articulate, organized and highly motivated DevOps Engineer with a strong passion to IT Security and Network Administration. Experienced with automating deployments in AWS using CI/CD and DevOps processes. He has a strong attention to details and is driven by a desire for automation and optimization. Able to work within a team with strong analytical, problem-solving and communication skills.

<b>Education</b>	BSc (Honours) Business & Management Brunel University, United Kingdom
<b>Skills</b>	Linux System administration AWS GCP Terraform Ansible Kubernetes Docker Jenkins Bash Packer GitLab, Bitbucket Jira, Confluence

<b>Project</b>	<b>Renault</b>
Period	Oct 2021 – till now
Role	Senior DevOps Engineer
Technologies	GCP, Kubernetes, Docker, Terraform, Helm
<b>Responsibilities</b>	
<ul style="list-style-type: none"><li>• Refactored CI/CD pipelines and templates which got used by 7 projects and reduced code duplications;</li><li>• Deployed infrastructure as code using Terraform on GCP;</li><li>• Migrated Helm 2 releases to Helm 3 in Dev, Stage and Prod environments without downtime;</li><li>• Configured Sonar pipelines for Java and Angular projects;</li><li>• Actively interacted with the Pre-production and Production teams during troubleshooting sessions;</li><li>• Provided troubleshooting issues to improve system performance and meet required SLA;</li><li>• Provided automation of build/deploy processes.</li></ul>	

<b>Project</b>	<b>Endava PLC</b>
Period	Sep 2018 – Sep 2021
Role	DevOps Engineer
Technologies	Linux, Terraform, Terragrunt, Ansible, Packer, AWS, Jenkins, Gitlab-CI, SonarQube, Blackduck, Kubernetes
<b>Responsibilities</b>	
<ul style="list-style-type: none"><li>• Building pipelines using Gitlab CI;</li><li>• Set up and maintaining DevOps tools like: Sonarqube, Blackduck EKS cluster and Gitlab EE using tools like Terraform + Terragrunt;</li><li>• Ansible and Packer on AWS infrastructure;</li><li>• Focused on optimizing the built time and reducing the overall infrastructure costs by implementing containerization solutions;</li><li>• Build, Test, Publish and Deployed artifacts, using Jenkins and Gitlab-CI, SonarQube and Blackduck for code inspection and code quality checks, Nuget and ECR as a repository and Kubernetes for deployment;</li><li>• Assisted the dev teams during releases; Led a DevOps Internship as a mentor.</li></ul>	

<b>Project</b>	<b>Unifun International</b>
Period	Feb 2018 – Sep 2018
Role	Network Engineer
Technologies	Linux, Ubuntu, Bash, Packet Tracer, Wireshark

### **Responsibilities**

- Implemented a Nagios and Nconf instance from scratch on a Ubuntu 20.04 server for testing environment;
- Responsible for monitoring and maintenance of 250+ Linux servers.
- Set up new Nagios checks on servers using Bash scripting;
- Coordinated with Project Managers and Software Developers the implementation of new services being monitored;
- Developed bash scripts for automating troubleshooting and repair of production servers;
- Studied network concepts and GSM architecture;
- Simulated network scenarios using Packet Tracer;
- Carried out packet inspections using Wireshark.