

# Aleksandar Grubić

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## DevOps

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### Skills:

- Vagrant: Proficient in automating the installation of virtual machines, provisioning, and server configuration for Apache Web Server with random webpage and WordPress setup;
- AWS (Amazon Web Services): Experienced in working with various AWS services such as EC2, S3, CloudFront, Route 53, RDS and more;
- GitHub: Repository management, branching and merging, collaborative development, combining GitHub Actions with AWS, forking repositories for personal experimentation and contributions. Implement and customized „gitignore“ files to exclude irrelevant files from version control.
- Docker: Skilled in working with containers, writing Dockerfiles, and Docker Compose files.
- Bash scripting: Proficient in scripting using Bash for automation and task execution.
- Kubernetes: Familiar with working with Minikube for local Kubernetes cluster management
- Terraform: Basic proficiency in using Terraform for infrastructure provisioning
- Jenkins: Job creation and configuration, output redirection and script execution, parameterization, integration Docker and Jenkins + combining with SSH. Plugin utilization, jobs execution on Docker remote host via SSH and AWS integration.

## DevOps Projects

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### ❖ Portfolio website:

- Registered a domain name using Route 53. S3 bucket to store the static content for my website, used CloudFront that allowed me to distribute the content of my website. To make website more secure and reliable I used AWS Certificate Manager to create a free SSL/TLS certificate for my domain and finally, setup GitHub Action as CI/CD tool.

### ❖ Simple full stack app:

- In this app I used React as FrontEnd, Ruby as BackEnd and Postgress as Database,
- Build React object stored in S3 bucket and served through CloudFront using default domain,
- Containerised API stored in ECS, added IAM roles for reading access and served through ALB,
- Postgress Database stored on RDS,
- VPC divided on Private and Public Subnet,
- ECS and RDS in Private VPC with custom Security Group,
- ALB in Public Subnet also with custom Security Group,
- Created Github Actions CI/CD trigger on Develop branch for Front and BackEnd

## Professional Experience

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Euromedicina

January 2017 -

Present

### Field Service Engineer

- Working in a dynamic environment. Troubleshooting, repairing and maintaining Hematology, Biochemistry, and Immunochemistry analyzers, lot of traveling, Customer training & Technical Support;

- Repairing computers and following equipment for analyzers;
- Ordering parts, communicating with producers and generating reports.

Aces  
2016

January 2016 – June

### **Frontend Developer**

- Working on a software tool for tennis coaches and players called ACES
- HTML; CSS; SASS; JavaScript; Bootstrap.

Elins Plus  
2015

May 2014 – December

### **Telecommunication Field Service Engineer**

- Coaxial and optical cable installation, amplifier calibration
- Installing of telecommunications equipment.

Xeon doo  
2014

December 2013 – May

### **Computer Service/ Alarm and video surveillance**

- Repair, troubleshoot, and maintain computers, and equipment. Data backup and restoring lost data & passwords of user accounts;
- Installing and adjusting alarm and video surveillance at customer sites

## **Education**

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Technical School, Kikinda  
Computer Electrician

## **Interests**

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- 3D modeling/remodeling/upgrading and printing plastic parts for projects and repairing stuff
- IoT projects with Raspberry Pi and Arduino Uno