

PERSONAL DATA



EMANUEL
ROSAL
SOFTWARE ENGINEER

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EXPERIENCE

2021

SRE - SOFTWARE ENGINEER

SIMTLIX (CENCOSUD) - 2021 - PRESENT

- Develop monitoring solutions for the New Relic platform (infrastructure, alerts, alarms, dashboards)
- Scaffold and develop the Backstage.io platform
- Develop multi-language library solutions for engineering teams
- Migrate AWS projects
- Automate infrastructure as code using Terraform
- Implement security best practices
- Maintain CI/CD pipelines in GitLab and GitHub
- Perform cloud troubleshooting

2020

ARCHITECT CLOUDOPS

NARANJA - 2020 - 2021

- Develop application features and improvements (full-stack)
- Develop new infrastructure as code using the Serverless Framework
- Document processes and infrastructure
- Automate EKS cluster upgrades
- Maintain CI/CD pipelines in GitLab
- AWS cost optimization
- Install K3s clusters on on-premises machines
- Cloud troubleshooting
- Serve as interviewer for technical positions
- Provide support to teams
- Promote best practices
- Work under Scrum methodology

2017

SR. SOFTWARE ENGINEER

MCAFREE - 2017 - 2020

- Developed Java microservice features using Spring Boot and Hibernate
- Migrated microservices from on-premises infrastructure to the cloud
- Implemented scripts for hot-deploy and rollback actions
- Improved and automated development processes
- Added Kubernetes security configurations
- Performed cloud troubleshooting
- Maintained Docker images
- Maintained CI/CD pipelines in TeamCity
- Maintained numerous Linux servers
- Managed Kubernetes resources
- Automated environments using Ansible
- Provided support to development teams
- Worked under Scrum methodology

2016

FRONT END DEVELOPER

INTEL - 2016 - 2017

- Developed application features using AngularJS with Redux
- Automated QA processes using Python and Selenium WebDriver
- Migrated an Angular project to a newer version
- Improved functional programming practices
- Provided support to development teams

EXPERIENCE

2015



FULL STACK DEVELOPER

ROCKBOX STUDIOS - 2015 - 2016

- Developed applications using Node.js, Vue.js, and AngularJS
- Developed PHP WordPress sites
- Implemented Android features
- Migrated a Python project to Node.js
- Maintained and managed Linux servers

2010



FULL STACK DEVELOPER

UNITECH - 2010 - 2015

- Developed Java services using Spring Framework, JSF, JSP, and JPA
- Worked with database engines such as Oracle, MS SQL Server, and PostgreSQL
- Implemented Cron Jobs
- Implemented Digital Signature solutions
- Developed frontend modules using Adobe Flex
- Built desktop applications in Visual Basic

AWARDS



AWARDS

- **HACKATHON - FIRST PLACE**
SAN LUIS DIGITAL - 2013

I developed a web application called “My Next Bus”, which allows users to view all city bus routes in real time and locate nearby stops.

SKILLS



SKILLS

- DEVOPS

AutomationLinux ExpertUnixBash ScriptingNet toolsSSH Docker

Docker ComposeDocker MachineAws clikubectlTerraformAnsible

GrafanaNew RelicServerless FrameworkAws Cloud Formation

Calico K8S FirewallMinikubeKubernetesKongBackstage.ioK3sEtcd

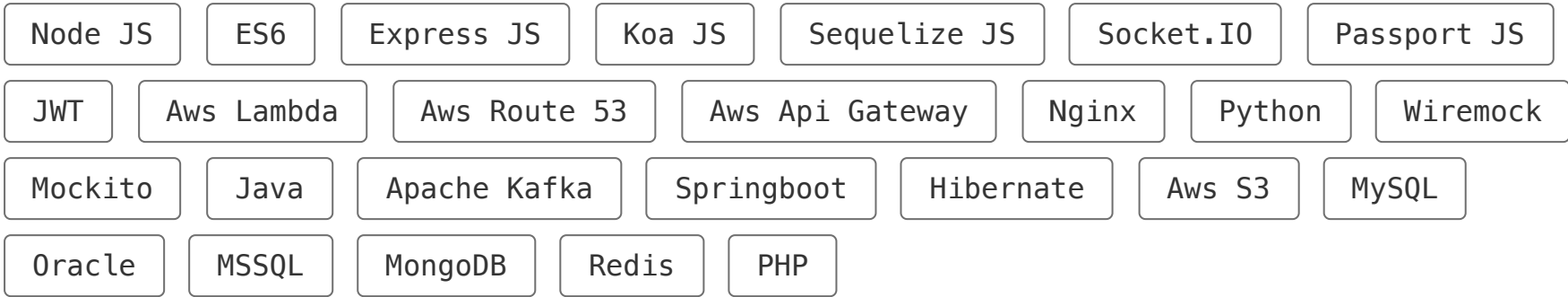
HelmVaultGitCI / CDGitlabTeamCityAws X-RayAws CloudWatch

Hygieia

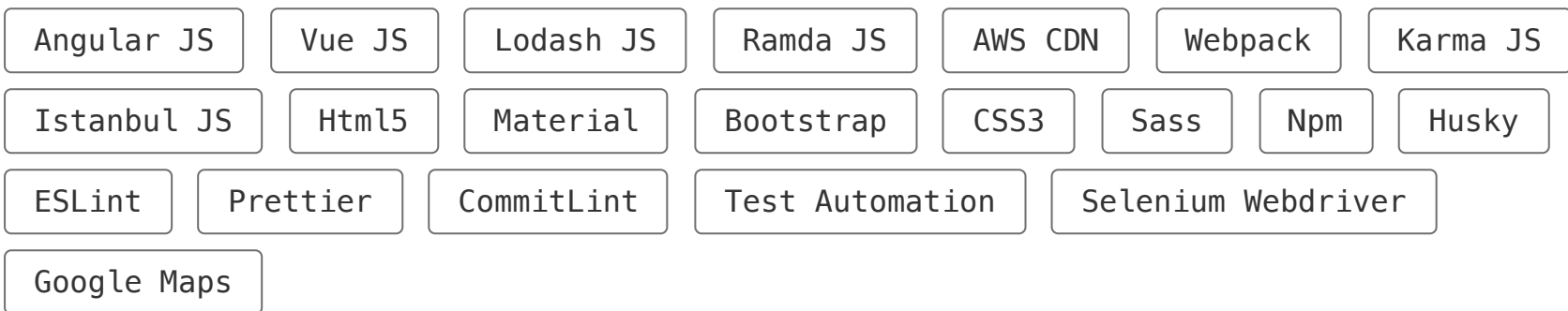
SKILLS

SKILLS

• BACKEND



• FRONTEND



EDUCATION

EDUCATION

- **AWS CLOUD COMPUTING DIPLOMA**
UCC - CORDOBA CATHOLIC UNIVERSITY
2019 - 2019
- **TECHNICAL SOFTWARE DEVELOPER**
ULP - LA PUNTA UNIVERSITY
2008 - 2011

COURSES

- 2020 - AWS - DEVELOPING ON AWS
- 2013 - JAVA 310
- 2012 - JAVA 275
- 2010 - PHP AND MYSQL