

# Gerson Ramirez

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<https://github.com/antillgrp>

**!! Federal Public Trust Clearance.** Further regarding verification of clearance, please contact **Census Investigative Services (CIS).**

## Education and Certifications

### Majors

- **Post Graduate Degree: MIT Cloud & DevOps: Continuous Transformation** at **Massachusetts Institute of Technology**
- **Master of Science in Software Development** at Maryville University of St. Louis. (GPA: 4.0 (Gerson Unofficial Transcript 8 26 2020.pdf))
- **Bachelor's in computer science (07/2009)**

### Official Certifications:

- **(CLF-C02) AWS Certified Cloud Practitioner**  
(Certification Number: 4457845d49d14a8eae791f48586d6b8f)
- **(CKA) CNCF Certified Kubernetes Administrator**  
(Certification Number: LF-41j0o01ld5)
- **(AZ-104) Microsoft Certified Azure Administrator Associate**  
(Certification Number: H524-5526)
- **(1Z0-819) Oracle Certified Professional: Java SE 11 Developer**  
(Certification Number: 282095428OCPJSE11-J)
- **(CCNA) Cisco Certified Network Associate**  
(Certificate Verification Number: Q58VEEDPF3RQQPG1)
- **(RHCSA) NIIT Red Hat® Linux System Administration**  
(Certification Number: 07HO-MMS-0123)
- **((RHCSA) NIIT TCP/IP and Red Hat® Linux Essentials**  
(Certification Number: 07HO-MMS-0059)
- **Object Oriented Application Development in JAVA**  
(Certification Number: R073015600232)
- **ReactJS with Redux Certification**  
(Certification Number: BT4Y8AVC)

### Certificates and Trainings:

- ( Training ) **AZ-400: Microsoft Azure Devops** 🔥
- **Spring Boot and Microservices**
- **Docker & Kubernetes Workshop**
- ( Training ) **AZ-104: Microsoft Azure Administrator**
- ( Training ) **Certificate CISCO CCNA Training (176 Hours)**
- ( Training 290 hours) **Helpdesk Agent**
- **Microsoft WS 2008 Network Services Administration Course**
- **Microsoft WS 2008 Active Directory Administration Course**

## Work experience

Position Title **Senior Azure DevOps Engineer (02/2025 – )**

- Design, develop, and maintain automated CI/CD pipelines to streamline software delivery processes.
- Manage and optimize cloud infrastructure, with a focus on Azure, to ensure scalability, performance, and security.
- Implement Infrastructure as Code (IaC) solutions using tools such as Terraform, ARM templates, or Ansible.

- Responsibilities
- Develop and maintain logging, monitoring, and alerting systems to proactively identify and resolve system issues.
  - Act as a technical mentor for junior DevOps engineers, conducting code reviews and sharing best practices.
  - Document technical workflows, standards, and processes to support knowledge sharing and team alignment.
  - Participate in disaster recovery planning and implementation to minimize downtime and ensure business continuity.

Employer **City National Bank of Florida**

Position Title **Software Integration and Devops Engineer (01/2022 – 11/2024)**

- Software Development : Node.js, Python, JavaScript, TypeScript, MongoDB, PSQL, Java, .NET(C#)
- DevOps: **Kubernetes** (Tanzu, Rancher, MicroK8S Kustomize, Air-Gapped, Harbor, High Availability, Loadbalancing, NGINX, HAProxy). Docker, Scripting, CI/CD (**Jenkins**, ArgoCD, ), **laS** (Bash, Ansible, Terraform, Pulumi), Configuration Management Tool (Chef), Virtualization(**VMWare**, Proxmox), Networking (Firewall, Routers, Switches), Monitoring (Prometheus, Grafana, Solarwind, etc), Cloud (**AWS** (EC2, S3, RDS, ELB, IAM and CloudWatch), Azure), Git, Git actions. **Azure** management and Devops tasks.
- Automation: automated deployment , configure, scripting (bash, python, PowerShell, java, .net), desktop, server OS (Linux (Red Hat EL, Centos, Ubuntu Server, etc.), Windows Server(2008, 2012, 2016)), and virtualization platforms (**VMWare ESXi (6.5, 7.0, Tanzu TKGI)**, HyperV). Docker and Kubernetes. SQL (PostgreSQL, PgBouncer, Patroni, Pgbackrest, MySQL), Messaging (RabbitMQ, Kafka, AMQ, JMQ), Cache (Redis)
- Deploy and support (L2,L3) Certscan, CIS with **frequent travel, national and international**

Employer **OSI Systems Inc**

References

Sivaraj Pasumalaithavan	Sr DevOps Eng.	Ph: 4692263389	Email: siva@digitaloctant.com
Alex Collantes	Software Developer	Ph: 7864872994	Email: acolantes@screeningsolution.com
Pamela Kreuz	HR Generalist	Ph: 8657893889	Email: pkreuz@rapidscan.com

Position Title **Specialist Programmer (06/2021 – 01/2022)**

- Software Development: Node.js, Python, JavaScript, TypeScript, MongoDB , Full Stack Java SpringBoot Microservices and ReactJS/Angular, Java (8/11) (Core, Spring, Microservices, Spring Boot, Spring Cloud (RestTemplate, Ribbon, Eureka, Hystrix, Zuul, Sleuth, Consul, etc.), Hibernate, JPA, etc.), MSSql, Postgres, MySQL, Messaging (Rabbitmq, Kafka), Redis
- Devops: Virtualization, Docker/**Kubernetes**, Scripting, CI/CD (**Jenkins**, Ansible, Terraform), scripting/automation (bash, python, PowerShell), Git, GitLab

Employer **Infosys**

Position Title **IT Systems Engineer II Enterprise Area (06/2016 – 05/2021)**

- Software Development: Node.js, Python, JavaScript, TypeScript, MongoDB, PSQL, MSSQL, Java, .NET(C#)
- Devops: Docker, Scripting/automation (bash, python, PowerShell), Git/GitLab, **Jenkins**
- Install, configure troubleshoot and upgrade Servers(**HP, DELL, NUTANIX, CISCO, etc.**)/Racks hardware, software, networks (routers/switches/wireless) and peripheral equipment. Deploy, configure, desktop, server OS (Linux (Red Hat EL, Centos, Ubuntu Server, etc.), Windows Server(2008, 2012, 2016)), and virtualization platforms (**VMWare ESXi (6.5, 7.0)**, HyperV)

Employer **CDW in configuration center.**