

Omer Dengiz

Cloud Infrastructure | Systems Administration | Networking | IT Operations

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SUMMARY

Computer Systems Technician – Networking graduate and AWS Certified Solutions Architect – Associate with hands-on experience in AWS cloud infrastructure, Linux and Windows administration, enterprise networking, and IT operations at Interac Corp. and Nioyatech LLC. Builds reliable hybrid environments with Terraform, Ansible, Docker, Kubernetes, and CI/CD pipelines, and supports teams through structured troubleshooting, clear documentation, and collaboration across engineering, operations, and security functions.

TECHNICAL SKILLS

Cloud & DevOps: AWS (EC2, S3, RDS, Lambda, VPC, Route 53, IAM, EKS, ALB, Auto Scaling, CloudFormation, CloudWatch, ECR, CloudFront), Terraform, Ansible, Docker, Kubernetes, Jenkins, Helm, Git/GitHub, Prometheus, Grafana

Systems & Platforms: Linux (Red Hat, Ubuntu, SUSE/OpenSUSE), Windows 10/11, Windows Server 2019/2022, Active Directory, Group Policy, Samba AD, VMware, Proxmox VE, OPNsense, Microsoft 365, ServiceNow, Veeam Backup

Networking & Security: Cisco IOS, TCP/IP, OSPF, routing and switching, VLANs, DHCP, DNS, OpenVPN, site to site VPN, firewalls, IAM, Security Groups, Wireshark, Cisco Packet Tracer, iSCSI

Scripting & Automation: Python, Bash, PowerShell, SQL, YAML, HCL (Terraform), CI/CD pipeline design, infrastructure as code

PROFESSIONAL EXPERIENCE

System Engineering Intern – Interac Corp.
Toronto, ON

Sep 2025 – Dec 2025

- Developed a Python-based Proof of Concept to automate device inventory extraction from vendor APIs, establishing a validation schema that paved the way for replacing manual tracking.
- Collaborated with senior engineers to manage ServiceNow incidents and updated internal wiki runbooks, accelerating onboarding for new team members.

DevOps Engineer – Nioyatech LLC
Remote

Nov 2022 – May 2024

- Automated provisioning for 3 multi-tier AWS environments (EC2, S3, RDS, Lambda, IAM, VPC, EKS) with Terraform and CloudFormation, standardizing reusable infrastructure patterns and reducing deployment time for new application stacks.
- Improved reliability across 30+ Linux servers by authoring Ansible playbooks and roles for configuration, patch management, and compliance baselines, cutting manual setup effort and enforcing consistent state across fleets.
- Accelerated delivery for 20+ applications by building Jenkins and Git CI/CD pipelines and deploying containerized workloads with Docker and Kubernetes, enabling zero downtime microservices releases.

SELECTED PROJECTS

Hybrid MSP Infrastructure & AWS Kubernetes Service – Algonquin College Capstone Jan 2026 – Apr 2026

- Delivered a 17-VM, two-site managed service environment for 2 client tenants with a 6-member team using Proxmox VE, OPNsense, Windows Server 2022 AD DS, Samba AD, iSCSI SAN, and Veeam Backup across segmented VLANs connected by a site to site OpenVPN tunnel.
- Extended the environment with a public HTTPS web service by provisioning 9 AWS resources in Terraform (EC2, Route 53, S3 remote state, IAM), bootstrapping a 2-node kubeadm Kubernetes cluster with Flannel CNI, and fronting a Dockerized nginx app with Caddy + Let's Encrypt for automated TLS, verified end-to-end with HTTP/2 200 response.

Enterprise Microservices CI/CD Pipeline (Spring PetClinic) – Self-directed github.com/ofdengiz

- Built an end-to-end Jenkins pipeline deploying a Java Spring microservices app to AWS EKS via AWS ECR, Rancher, Nexus, and multi-branch promotion (dev/staging/prod) with Maven builds, Selenium automation tests, and Prometheus + Grafana monitoring.

EDUCATION

Computer Systems Technician – Networking, Algonquin College, Ottawa, ON
GPA: 3.75 / 4.0

Apr 2026

Bachelor of Arts, Chinese Language, Nanjing University, Nanjing, China

Jun 2016

CERTIFICATIONS & LANGUAGES

Certifications: AWS Certified Solutions Architect – Associate | AWS Certified Cloud Practitioner

Languages: English (Professional) | Turkish (Native) | Mandarin Chinese (Advanced, HSK Level 6)