

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, with a focus on clear documentation, structured troubleshooting, and cross-team collaboration.

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, BGP, QoS, VLANs, DHCP, DNS, 802.11 a/b/g/n/ac, 802.1X EAP-PEAP, ArubaOS, OpenVPN, site-to-site VPN, firewalls, Wireshark, iSCSI, PKI, TLS/SSH, IDS/IPS, CVSS

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

PROFESSIONAL EXPERIENCE

System Engineering Intern – Interac Corp.

Sep 2025 – Dec 2025

Toronto, ON

- Improved issue resolution across distributed financial-services systems by consolidating monitoring data, investigating operational incidents, and updating runbooks and technical documentation that supported reliable payment infrastructure.
- Reduced manual operational effort by supporting automation and deployment workflows with engineering, operations, and security teams through ServiceNow change and incident processes, improving release readiness and audit traceability.

DevOps Engineer – Nioyatech LLC

Nov 2022 – May 2024

Remote

- 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

Apr 2026

GPA: 3.75 / 4.0 • Dean's Honour List

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

Jun 2016

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

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