

PANO GEORGIADIS

DEVOPS/CLOUD ENGINEER

✉ pgeorgiadis.it@gmail.com

🏠 Boston, MA

in <https://www.linkedin.com/in/p-georgiadis/>

🌐 <https://github.com/p-georgiadis>

PROFESSIONAL SUMMARY

Cloud Engineer and **Systems Administrator** with expertise in Linux, AWS, networking, storage, and **DevOps**. Proven track record of implementing cost-effective cloud solutions, optimizing IT operations, and providing exceptional technical support. Skilled in automation, Infrastructure as Code, CI/CD pipelines, and containerization. Currently pursuing MS in Computer Science. Certified in AWS, Azure, Linux, Kubernetes, ITIL and CompTIA domains.

EDUCATION

MS IN COMPUTER SCIENCE

University of Colorado - Boulder , Boulder, CO | 4.0 GPA

(Expected Summer 2025)

FRONT END WEB DEVELOPER NANODEGREE

Udacity | Graduated in 2024

CLOUD ENGINEER GRADUATE

The Linux Foundation | Graduated in 2024

CLOUD ARCHITECTURE & IT ADMINISTRATION

Visible Edge Institute , Hartford, CT

COMPUTER SCIENCE

Assumption University , Worcester, MA

CERTIFICATIONS

AWS CERTIFIED SOLUTIONS ARCHITECT - ASSOCIATE

AWS CERTIFIED CLOUD PRACTITIONER

LINUX FOUNDATION CERTIFIED SYSTEM ADMINISTRATOR (LFCS)

CERTIFIED KUBERNETES ADMINISTRATOR (CKA)

COMPTIA CLOUD+

COMPTIA LINUX+

COMPTIA NETWORK+

COMPTIA SECURITY+

MICROSOFT CERTIFIED: AZURE FUNDAMENTALS

ITIL V4

EXPERIENCE

SYSTEMS ADMINISTRATOR

Mar 2019 - Jan 2024 | Meze LLC , Massachusetts

- Administered Linux systems, creating cron jobs and scripts for end of day and Raspberry Pi-based VoIP infrastructure in a hybrid environment
- Deployed and managed AWS EC2 instances with SQL and RDS databases for POS systems and inventory tracking
- Implemented containerization using AWS ECS, Docker, and CI/CD with GitHub Actions
- Managed Ubiquiti networking products, configuring 48-port switches with custom NAT, VLANs, and subnets based on business use cases
- Configured Ubiquiti firewall security gateway and access points, setting up separate WiFi networks for employees and guests with landing page terms and conditions
- Deployed Nginx, Kubernetes, and Docker containers for on-premise static website hosting with online-ordering, later migrating to cloud provider
- Provided technical support and training for over 10 employees on various business equipment, including handhelds, POS systems, serial printers, tablets, and VoIP phone systems
- Served as the sole point of contact for troubleshooting and assisting staff from diverse backgrounds and age groups
- Created instructional documentation for software to streamline troubleshooting processes for employees
- Collaborated with stakeholders, providing quarterly and annual business performance data based on online customer interactions and in-house sales

VISUAL INFORMATION EQUIPMENT OPERATOR

Jan 2022 - Dec 2022 | Army Signal Corp. , Greece

- Configured and utilized RADIUS and TACACS+ servers to enhance network security
- Troubleshot diverse computer systems, communication networks, and surveillance camera setups
- Orchestrated strategic maintenance and upgrades for communication systems
- Collaborated with teams to provide technical expertise and training

PROJECTS

INVEST PROPHET

Developed a cloud-based stock market analysis platform using Flask, AWS services, and machine learning (RNN/LSTM) for price prediction

CONTINUOUS DELIVERY WITH ARGOCD AND GKE

Implemented multi-tier application deployment using Docker, Kubernetes, and CI/CD pipelines

BBC NEWS CLASSIFICATION VIA MATRIX FACTORIZATION

Built supervised and unsupervised learning models for categorizing news articles

EMAIL VERIFICATION SYSTEM

Developed a high-throughput microservices system using Kotlin, Gradle, Docker, and RabbitMQ/AWS SQS

AWS DEEPRACER

Optimized reinforcement learning models for autonomous racing in AWS DeepRacer Student League

QUANTUM ALGORITHMS SHOWCASE

Implemented fundamental quantum algorithms using Qiskit, including GHZ states, quantum teleportation, and Bell's inequality

PROPERTY CALCULATOR

Developed a mobile-friendly JavaScript application for real estate portfolio sales calculations

HISTOPATHOLOGIC CANCER DETECTION

Developed a custom Convolutional Neural Network (CNN) model to detect metastatic cancer in histopathologic images.

SKILLS

CLOUD PLATFORMS: AWS (EC2, ECS, RDS, S3, VPC, IAM), GCP, AZURE, DIGITALOCEAN

DEVOPS: DOCKER, KUBERNETES, TERRAFORM, ANSIBLE, JENKINS, GIT, CI/CD, INFRASTRUCTURE AS CODE

LINUX SYSTEMS: UBUNTU, DEBIAN, CENTOS, RHEL, SHELL SCRIPTING, CRON JOBS

NETWORKING: TCP/IP, HTTP, DNS, TLS, LOAD BALANCING, FIREWALLS, VPNS, SUBNETTING, VLAN, WIRELESS (WIFI)

SCRIPTING & AUTOMATION: BASH, PYTHON, POWERSHELL

MONITORING & LOGGING: PROMETHEUS, GRAFANA, ELK STACK, CLOUDWATCH, NAGIOS

DATABASES: SQL (MYSQL, POSTGRESQL), NOSQL (MONGODB), AWS RDS

TROUBLESHOOTING: LOG ANALYSIS, NETWORK DIAGNOSTICS, PERFORMANCE TUNING, INCIDENT MANAGEMENT

VIRTUALIZATION: VMWARE, VIRTUALBOX, HYPER-V

CUSTOMER SUPPORT: TECHNICAL TRAINING, DOCUMENTATION, TICKETING SYSTEMS (JIRA, ZENDESK), REMOTE SUPPORT

FRONT-END WEB DEVELOPMENT: HTML, CSS, JAVASCRIPT, RESPONSIVE DESIGN, ACCESSIBILITY