Absolutely! Here's a roadmap to guide you on your journey to becoming a DevSecOps and Kubernetes professional without a formal degree, emphasizing free resources:

**Roadmap**

1. **Fundamentals:**
   * **Linux:**
     + **Essential Commands:** ls, cd, pwd, mkdir, rm, cp, mv, grep, find, chmod, chown, sudo, apt-get (or equivalent package manager)
     + **File System:** Understand the structure of Linux file systems.
     + **Networking:** Basic TCP/IP concepts, ports, protocols.
     + **Editors:** Learn a text editor like vim or nano.
     + **Resources:**
       - Linux Journey: <https://linuxjourney.com/>
       - The Linux Command Line: A Complete Introduction: [invalid URL removed] (Check for free enrollment options)
   * **Cloud Computing:**
     + **Concepts:** Infrastructure as a Service (IaaS), Platform as a Service (PaaS), Software as a Service (SaaS).
     + **Providers:** Familiarize yourself with major cloud providers like AWS, Azure, or Google Cloud.
     + **Resources:**
       - AWS Free Tier: <https://aws.amazon.com/free/>
       - Microsoft Azure Free Account: <https://azure.microsoft.com/free/>
       - Google Cloud Free Tier: <https://cloud.google.com/free/>
2. **Programming/Scripting:**
   * **Python or Go:** Choose one language and learn the basics.
     + Python is popular for automation and general scripting.
     + Go is the language Kubernetes is built on.
   * **Resources:**
     + Python:
       - Automate the Boring Stuff with Python: <https://automatetheboringstuff.com/>
     + Go:
       - A Tour of Go: <https://go.dev/tour/welcome/1>
3. **DevOps Concepts:**
   * **Infrastructure as Code (IaC):** Terraform, Ansible, or CloudFormation.
   * **CI/CD:** Jenkins, GitLab CI, or GitHub Actions.
   * **Monitoring:** Prometheus, Grafana.
   * **Resources:**
     + Terraform:
       - HashiCorp Learn: <https://learn.hashicorp.com/terraform>
     + Ansible:
       - Ansible Documentation: <https://docs.ansible.com/>
     + Jenkins:
       - Jenkins User Documentation: <https://www.jenkins.io/doc/>
4. **Kubernetes:**
   * **Fundamentals:** Pods, Services, Deployments, ReplicaSets, Namespaces.
   * **Networking:** Ingress, Load Balancers.
   * **Storage:** Persistent Volumes, Persistent Volume Claims.
   * **Resources:**
     + Kubernetes Documentation: <https://kubernetes.io/docs/home/>
     + Kubernetes by Example: <https://kubernetesbyexample.com/>
     + Killercoda: <https://killercoda.com/> (Interactive scenarios)
5. **DevSecOps:**
   * **Security Practices:** Threat modeling, secure coding, vulnerability scanning.
   * **Tools:** Snyk, Trivy, OWASP ZAP.
   * **Resources:**
     + OWASP: <https://owasp.org/>
     + Snyk Learn: <https://learn.snyk.io/>

**Certifications (Mostly Paid):**

* **Certified Kubernetes Administrator (CKA):** This is the gold standard for Kubernetes professionals.
* **Certified Kubernetes Security Specialist (CKS):** Focuses on security aspects of Kubernetes.
* **Certified Kubernetes Application Developer (CKAD):** For those who develop applications for Kubernetes.

**Free Online Classes and Video Resources:**

* **YouTube:**
  + TechWorld with Nana
  + Cloud Native Foundation
  + Kunal Kushwaha
* **EdX, Coursera, Udemy:** Look for courses on Kubernetes, DevOps, and cloud security. Many have free audits or financial aid options.

**Additional Tips:**

* **Hands-on Practice:** Set up a home lab or use cloud sandboxes to experiment with Kubernetes.
* **Community:** Join online forums like Reddit's r/kubernetes and r/devops.
* **Open Source Projects:** Contribute to open source Kubernetes projects to gain experience.

This roadmap is just a starting point. Be prepared to learn continuously and adapt as the field evolves. With dedication and the right resources, you can absolutely achieve your goals!