

# Errol A. Sancaktar

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## SKILLS

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**Cloud Technologies:** Google Cloud, Amazon AWS

**Infrastructure as Code:** Ansible, Terraform, ArgoCD

**Languages:** Python, Go, C/C++, Bash

**Platforms:** AWS, GCP, Docker, Kubernetes, CI/CD

**OS:** Linux, FreeBSD, MacOS, Microsoft

## EXPERIENCE

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### Infrastructure Cloud Consultant

Google

Sep 2021 - Present

- Work with technical leads, architects, and partners to deliver successful implementations of cloud infrastructure projects.
- Implement as well as refactor infrastructure pipelines, deployment methodologies, and automations.
- Develop architectural designs, create reference architectures, and perform cloud reviews to implement effective environments following industry best practices.
- Implement infrastructure-as-code systems to enhance idempotency and replicability.
- Work as a Technical Project Manager on larger scale projects to coordinate many engineers ensuring both business and technical requirements are being met.
- Integrate hybrid cloud infrastructures to give customers the ability to use best in breed technologies across clouds while controlling costs.
- Work on the Google Distributed Cloud Hosted team, incorporating cloud methodologies with secure, offline data center hardware in IL5 Fedramp environments.

### Technical Account Manager

Amazon Web Services

Mar 2019 - Sep 2021

- Created and executed strategies to drive customer adoption and use of AWS services.
- Performed montly and quarterly business reviews to discuss cloud spend, ongoing projects, and upcoming implementations.
- Technical SME for customer projects, drove discussions with senior leadership regarding incidents, trade-offs, support, and risk management.
- Acted as a customer advocate for business and architectural needs within AWS.
- Resolved large-scale and business-critical issues relating to Kubernetes, ECS, EC2, Red Shift, and networking.
- Developed strategic long-term plans and technical designs while simplifying customer architectures.
- Interfaced with sales, partners, and customer technical stakeholders to manage project scope, priorities, deliverables, risks/issues, and timelines for successful customer outcomes.

### IT/Cloud Manager

ECS Tuning

Jul 2017 - Mar 2019

- Responsible for all infrastructure both on-premise and in AWS including Networking and VoIP.
- Managed systems staff including DBAs, End User Support, and Systems Administrators.
- Implemented multiple open-source technologies for networking and servers.
- Created standardized desktop management, including windows imaging procedures.
- Improved and maintained a custom in-house Warehouse Management System including wireless devices, pick and pack stations, as well as inventory systems/devices.
- Negotiated beneficial rates for telephony and internet at ECS home office as well as remote sites.
- Established standardized digital signage solutions for employee engagement and knowledge transfer.
- Implemented native AWS tools to allow our customer-facing websites to scale with demand more easily.
- Deployed ansible and terraform to environment allowing for better control of deployments.

**Director, Infrastructure Engineering**

Kent State University

Oct 2016 - Jul 2017

- Responsible for the creation of Information Services “Concierge” position, which acted as the first-line contact for all enterprise service requests. This involved services like virtual machine creation up to full network and systems integrations for our power plant operations software.
- Implemented Red Hat Cloudforms and Ansible Tower in conjunction with our Concierge process. This will allow our end-users to utilize our service catalog to request cloud resources such as RDS and EC2 without the need to understand the AWS environment.
- Planned and wrote RFP for the upgrade of our IBM Spectrum Protect backup and disaster recovery environment. This is a multi-year implementation involving the replacement of our current quantum system both on-premise and at our backup data center.
- Created a cloud center of excellence to focus on our growing presence in AWS and other SaaS applications. Built team from both the server group and client services to support all aspects of cloud architecture.

**Information Services Team Leader**

Kent State University

Apr 2015 - Oct 2016

- Planned and implemented the first of its kind Virtual Desktop Infrastructure (VDI) for the college. This involved utilizing Nutanix hyper-converged server infrastructure as well as thin clients for end-users in a scale-up state-of-the-art learning center. It has successfully assisted over 300 students to complete their coursework in the designed collaborative process.
- Integration of Single Sign-On across Linux, Windows, and Apple platforms through custom-written scripts and configurations. This has allowed many of the highly specialized scientific systems to integrate with other services available on-premise.
- Management of multiple computational clusters totaling 100+ nodes ranging from traditional computation to Beowulf design clusters.
- Migration of physical servers to VMWare Vcenter environment now totaling 120 Virtual Machines

**IT Manager, College of Arts and Sciences**

Kent State University

Jun 2006 - Apr 2015

- Implemented four-node VMware vCenter environment for college and migrated virtual machines. This allowed the decommissioning of 35 physical servers.
- Created additional 90 servers on this vCenter environment, maintaining ongoing support and updates.
- Developed many scripts to automate user permissions, file share creation, active directory user, and computer group management.
- Progressive promotions starting at IT User Support Analyst to IT Manager

EDUCATION

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<b>Bachelor of Arts</b> Kent State University	2008
<b>Google Professional Cloud Architect</b>	2021
<b>AWS Certified Solutions Architect</b>	2018
<b>Red Hat Certified Systems Administrator</b>	2014
<b>CompTIA A+ Certification</b>	2008

## REFERENCES

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**Will Weber**

Key Enterprise Architect, Google  
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650-499-7793

**Enoch Moeller**

Solutions Consultant Manager, Google  
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