



PROFILE

An Infrastructure Architect with 5 years of experience in designing, implementing, and managing complex IT infrastructure solutions. Proficient in leveraging cloud technologies, virtualization, and automation to optimize system performance and scalability. Adept at collaborating with cross-functional teams to align technology strategies with business objectives, driving operational efficiency, and ensuring seamless integration. Skilled in analyzing and mitigating risks, ensuring data security, and maintaining compliance with industry standards. Demonstrates strong analytical, problem-solving, and communication skills with a commitment to continuous improvement and staying current with emerging technologies.

LINKS

[linkedin.com/in/airachernow](https://www.linkedin.com/in/airachernow)

SKILLS

AutoCAD

Revit

BIM

GIS

SketchUp

Civil 3D

Rhino

LANGUAGES

English

EMPLOYMENT HISTORY

Infrastructure Architect at Alaska Communications, AK

May 2023 - Present

- Successfully designed and implemented a network infrastructure upgrade for Alaska Communications, resulting in a 40% increase in overall network performance and reliability, and reducing downtime by 25%.
- Spearheaded the migration of over 300 business clients to a new, more efficient data center, ensuring seamless transition with minimal disruption to their operations and achieving a 99.8% customer satisfaction rate.
- Led a cross-functional team of engineers and technicians to complete the rollout of a new fiber-optic network across 500 miles of challenging Alaskan terrain, finishing the project ahead of schedule and under budget by 10%.

Associate Infrastructure Architect at GCI Communication Corp, AK

Sep 2018 - Apr 2023

- Implemented a cloud migration strategy for GCI Communication Corp, resulting in a 40% reduction in infrastructure costs and a 25% increase in system performance.
- Designed and deployed a scalable network infrastructure for GCI Communication Corp's remote locations, improving connectivity and reducing downtime by 30%.
- Led a team to upgrade GCI Communication Corp's data center infrastructure, increasing processing capacity by 50% and reducing energy consumption by 20%.
- Developed and implemented a robust disaster recovery plan for GCI Communication Corp, significantly reducing recovery time objectives (RTO) by 60% and ensuring business continuity.

EDUCATION

Master of Science in Infrastructure Architecture at University of Alaska Anchorage, AK

Aug 2013 - May 2018

Relevant Coursework: Advanced Infrastructure Design, Architectural Engineering, Building Information Modeling, Sustainable Development, Urban Planning, Structural Analysis, Systems Integration, Transportation Infrastructure, Smart Cities, Resilience Planning, Construction Management, and Infrastructure Asset Management.

CERTIFICATES

Amazon Web Services (AWS) Certified Solutions Architect - Professional