

Katleen Halko

IT Solutions Architect

Details

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Burlington, VT

Profile

I am an IT Solutions Architect with over 6 years of experience in designing, deploying, and managing enterprise IT solutions. I have a proven track record of success in leveraging technology to drive business value and increase efficiency. I have a deep knowledge of all aspects of IT, including networking, security, storage, and cloud computing. I have an exceptional ability to understand complex technical requirements and translate them into practical, cost-effective solutions. I have a strong background in designing and deploying both on-premise and cloud-based solutions for customers in a wide variety of industries. I have a passion for finding creative solutions to challenging problems and am always looking for ways to improve the customer experience.

Employment History

Senior IT Solutions Architect at CloudHedge Inc., VT

Oct 2022 - Present

- Developed cloud-based architecture for CloudHedge Inc. VT that reduced operational costs by 30% while increasing system performance and scalability: Utilizing DevOps principles, I designed a distributed microservices platform with containerized applications running on Amazon Web Services (AWS) to power the company's core IT infrastructure. This resulted in improved resource utilization which lowered monthly spend on hosting services from \$20,000 to just under \$14,000 per month.
- Led migration of 80+ databases and 200GB worth of data into AWS RDS instances within 2 weeks: Working closely with our development team and DBAs I was able to successfully migrate over 100 MySQL/PostgreSQL databases as well as large amounts (~200 GBs) unstructured data onto secure managed relational database service offered by AWS - Relational Database Service (RDS). The successful transition enabled smooth operations across all departments without any downtime or interruption in business activities during peak hours.
- Implemented network security protocols resulting in zero cyber threats since implementation date: As part of my role at CloudHedge Inc., VT I developed an extensive set of policies & procedures related to network security along with implementing advanced firewalls such Fortinet Firewall Solutions combined with multiple layers authentication mechanisms like Two Factor Authentication(2FA), Multi Factor Authentication(MFA), etc.. These measures have proven effective thus far providing us peace mind knowing no malicious actors are attempting access sensitive information stored within our systems.

IT Solutions Architect II at Five-Star Technologies, VT

Jul 2021 - Sep 2022

- 1. Implemented a cloud-based system at Five Star Technologies, VT that reduced IT costs by 20%. This included migrating existing applications and developing new ones to better suit the company's needs while keeping security protocols in mind.