**AWS EC2 Resume Points**

Here are some resume points related to AWS Elastic Compute Cloud (EC2):

* Proficient in provisioning and managing AWS EC2 instances, including selecting appropriate instance types, configuring storage, and setting up security groups and network settings.
* Experienced in troubleshooting EC2 instance launch and connectivity issues, identifying and resolving common problems related to networking, security groups, or instance configuration.
* Skilled in diagnosing and resolving performance-related issues with EC2 instances, optimizing resource utilization, and fine-tuning instance parameters.
* Proficient in troubleshooting EC2 instance scaling and load balancing issues, ensuring efficient distribution of traffic and seamless scaling based on demand.
* Demonstrated expertise in troubleshooting EC2 instance connectivity issues, including SSH or RDP access problems, security group misconfigurations, or VPC routing issues.
* Experienced in troubleshooting EC2 instance storage-related issues, such as EBS volume attachment failures, disk performance problems, or snapshot creation and restoration issues.
* Skilled in analyzing EC2 instance logs, including system logs, application logs, and CloudWatch metrics, to diagnose and troubleshoot performance or operational issues.
* Proficient in using EC2 instance troubleshooting tools, such as EC2 Instance Connect, EC2 Instance Recovery, or Systems Manager Session Manager, to streamline troubleshooting and remote management tasks.
* Knowledgeable in troubleshooting EC2 instance deployment and configuration errors, ensuring proper selection of Amazon Machine Images (AMIs), instance types, and startup scripts.
* Familiar with troubleshooting EC2 instance-related issues in an Auto Scaling

environment, identifying and addressing issues related to scaling policies, launch configurations, or target group health checks.

* Implemented automated monitoring and alerting for EC2 instances using services like Amazon CloudWatch, effectively identifying and resolving performance bottlenecks and resource utilization issues.
* Proficient in diagnosing and resolving EC2 instance startup failures, troubleshooting issues related to incorrect IAM roles, security group misconfigurations, or insufficient instance limits.
* Experienced in troubleshooting EC2 instance termination errors, ensuring proper cleanup and resource deallocation to avoid unnecessary costs and resource waste.
* Skilled in troubleshooting EC2 instance network connectivity issues, such as resolving DNS resolution problems, investigating firewall or routing misconfigurations, and addressing NAT gateway or Elastic IP configuration issues.
* Proficient in troubleshooting EC2 instance operating system errors and failures, such as analyzing system logs, examining crash dumps, and applying patches or updates to resolve issues.
* Demonstrated expertise in troubleshooting EC2 instance performance issues, including identifying CPU or memory bottlenecks, tuning network performance, and optimizing disk I/O.
* Experienced in troubleshooting EC2 instance security and access control issues, ensuring proper SSH key pair configuration, resolving issues with IAM roles or policies, and addressing security group misconfigurations.
* Skilled in analyzing EC2 instance utilization patterns and recommending right-sizing or capacity adjustments to optimize cost and performance.
* Proficient in performing root cause analysis (RCA) for complex EC2

instance-related incidents, documenting findings, and implementing preventive measures to avoid recurrence.

* Familiar with troubleshooting EC2 instance-related issues in multi-region or hybrid cloud environments, resolving challenges related to network connectivity, data synchronization, or service integration.
* Developed and implemented automated EC2 instance lifecycle management strategies, including automated instance provisioning, scaling, and decommissioning based on resource utilization and business demands.
* Implemented advanced EC2 instance monitoring and performance optimization techniques, leveraging services like AWS Systems Manager, CloudWatch Logs Insights, and X-Ray to proactively identify and resolve performance issues.
* Designed and implemented high availability and fault-tolerant architectures for EC2 instances, utilizing features such as Auto Scaling groups, Elastic Load Balancers, and multi-Availability Zone deployments.
* Demonstrated expertise in migrating on-premises applications and workloads to EC2 instances, utilizing services like AWS Server Migration Service (SMS) or AWS Database Migration Service (DMS) to ensure a seamless transition.
* Implemented containerization strategies with EC2 instances using technologies like Docker and Amazon Elastic Container Service (ECS), enabling efficient deployment and management of containerized applications.
* Proficient in integrating EC2 instances with AWS networking services such as Amazon VPC, Direct Connect, or Transit Gateway, enabling secure and scalable network architectures.
* Experienced in optimizing EC2 instance costs through strategies like Reserved Instances, Spot Instances, or using EC2 Instance Families that offer the best price-performance ratio for specific workloads.
* Skilled in configuring and managing EC2 instance backups and disaster recovery strategies, utilizing services like Amazon EBS snapshots, AWS Backup, or replication techniques for data redundancy.
* Implemented security best practices for EC2 instances, including applying security patches, utilizing AWS Systems Manager Patch Manager, and implementing security hardening measures based on industry standards and compliance requirements.
* Actively participated in incident response and troubleshooting sessions for critical EC2-related incidents, contributing to rapid resolution, root cause analysis, and implementing preventive measures.
* Remember to tailor these points to reflect your specific experience and achievements with AWS EC2. Highlight any unique projects, initiatives, or contributions you made that set you apart in the field of EC2 management and optimization.