Scott Cooper

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EDUCATION

Brigham Young University - Hawaii   Laie, HI
Bachelor of Computer Science
Minor in Information Technology

WORK EXPERIENCE

Cidi Labs   Salt Lake City, UT
Software Developer   May 2021 –Present
- Migrated ClickOps workflows to AWS CloudFormation, significantly reducing manual effort and operational risks.
- Led a comprehensive migration from AWS CloudFormation to AWS CDK, enabling rapid, repeatable, and automated infrastructure deployments.
- Engineered multi-regional AWS stacks, meeting compliance with regional laws and improving system reliability.
- Led the containerization of legacy applications using Docker and ECS, resulting in streamlined deployments and reduced operational costs.
- Designed and deployed CI/CD pipelines using AWS CodePipeline, CodeBuild, and CodeDeploy to enhance release frequency and reliability.
- Implemented policies and best practices to optimize infrastructure, ensuring consistent system performance and reliability.
- Reduced AWS infrastructure expenses by analyzing usage patterns and implementing cost-efficient resource configurations across multiple environments.
- Followed technical requirements to design and implement new features while efficiently resolving support tickets through comprehensive bug fixes
- Led collaborative development efforts, fostering a team-oriented approach and implementing cloud best practices to ensure the successful delivery of AWS-based products and solutions.
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Iboats   Salt Lake City, UT
Cross Stack Developer   Sep 2019 – May 2021
- Migrated forum platforms from vBulletin to Xenforo, enhancing user experience and reducing system vulnerabilities.
- Developed internal React application, improving operational efficiency by automating repetitive tasks.
- Implemented AWS-based solutions, including ECS for containerized workloads and S3 for scalable storage, reducing hosting costs by 30%.
- Acted as interim IT Administrator, resolving critical system issues and maintaining office infrastructure.
- Optimized costs for AWS infrastructure by implementing cost-effective solutions and streamlining resource utilization.
- Developed new features and resolved critical bugs to enhance functionality and ensure site reliability.

Brigham Young University - Hawaii   Laie HI
System Developer   May 2018 – Sep 2019
- Managed a high-impact project transitioning 100+ websites from outdated Drupal servers to secure static sites.
- Developed Python scripts to streamline updates for static sites using Git repositories.
- Utilized Docker to containerize applications across various technologies, streamlining development environments.
- Collaborated with faculty to identify issues and implement tailored solutions or bug fixes.

CERTIFICATIONS

AWS Certified Solutions Architect - Professional   Oct 2024
AWS Certified DevOps Engineer - Professional   Jun 2023
AWS Certified Developer - Associate   Sep 2022

TECHNICAL SKILLS

Agile Development, Application Development, AWS, AWS CDK, CI/CD, Cloud Architecture, Containerization, DevOps, Docker, Drupal, JavaScript, PHP, Python, React, Symfony, TypeScript