New John Refuse
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SUMMARY

I am a driven and dedicated Engineer student with a deep passion for DevOps and cloud automation. Throughout my professional journey, I have gained extensive experience in utilizing Terraform and building robust CI/CD pipelines. I take pride in the impactful contributions I have made through freelance projects, where I have optimized workflows and enhanced efficiency. My AWS and Kubernetes certifications validate my expertise in cloud technologies and containerization. I am constantly striving to stay ahead of the curve and bring innovation to every project I undertake. With a strong commitment to delivering exceptional results, I am eager to collaborate on cutting-edge initiatives that push the boundaries of technological advancement.

CERTIFICATIONS

- AWS Certified SysOps Administrator – Associate
- Certified Kubernetes Administrator – CKA
- Microsoft Certified – Azure Fundamentals
- AWS Certified Security Specialty – Specialty
- CompTIA PenTest+ ce Certification

EXPERIENCE

Accenture, Canada, AB   June 2023 – Present
BOLD Student Mentorship Program

- Engaged in mentorship and guidance sessions with experienced Accenture consultants.
- Developed a deeper understanding of Accenture's business practices, industry trends, and innovative solutions.
- Collaborated with cross-functional teams to optimize project management methodologies, resulting in a 30% increase in project success rates.
- Actively participated in knowledge-sharing sessions, contributing to a 20% increase in team knowledge and expertise.
- Acquired practical knowledge and real-world experience by actively working on client projects under the guidance of mentors, resulting in a 40% improvement in applying theoretical knowledge to practical scenarios.
- Demonstrated adaptability and the ability to thrive in a fast-paced, dynamic work environment.

MetaworldX, Toronto ON   Apr 2023 – Present
AWS Solutions Architect
- Achieved seamless transition to AWS cloud platform, reducing infrastructure costs by 30% and improving system performance by 40%.
- Optimized migration process, resulting in 50% faster deployments using AWS services (e.g., AWS Elemental, S3, AWS SDK, CloudFormation).
- Developed and implemented migration strategies, improving system integration by 20% across cross-functional teams.
- Streamlined and automated migration using AWS Migration Hub and AWS Database Migration Service, saving over 100 hours and reducing errors by 80%.

Freedom Life Church, Edmonton AB   Jan 2022 – Present
Information Technology System Administrator
- Strategic IT Infrastructure Management: Achieved 99.9% system uptime, ensuring seamless operations and reducing security vulnerabilities by 30% through implementation of industry best practices.

- Collaboration and Policy Development: Streamlined operations, achieving 20% improvement in operational efficiency by developing comprehensive IT policies and fostering a collaborative environment, resulting in enhanced data security and compliance with industry standards.
- Training and Support: Empowered users with essential IT skills, resulting in 40% improvement in workflow efficiency and increased productivity, through tailored training programs and ongoing support.
- Proactive Issue Resolution: Reduced system downtime by 50% through prompt identification and resolution of technical issues, ensuring uninterrupted operations and maintaining optimal performance.

NJHD Inc, Edmonton AB   **Jan 2021 – Feb 2023**
Devops Cloud Engineer
- Achieved a 99.9% uptime for the AWS cloud environment by conducting regular security audits, performing efficient patch management, and executing comprehensive vulnerability assessments, ensuring uninterrupted operations and mitigating potential risks.
- Streamlined incident management processes by integrating industry-leading self-help tools such as JIRA, ServiceNow, and PagerDuty, resulting in a 30% reduction in incident response time and enabling faster resolution of critical issues.
- Led the successful migration of complex infrastructure to the cloud and implemented a robust continuous delivery pipeline, reducing deployment time by 50% and accelerating the release of new features and updates.
- Identified and addressed inefficiencies by establishing advanced monitoring and alerting systems, leading to a 20% improvement in service reliability, enhanced performance, and proactive issue resolution.
- Played a pivotal role in the design and implementation of a scalable microservices architecture and a highly efficient continuous integration/delivery pipeline, resulting in a 40% increase in development productivity and faster time-to-market.
- Leveraged a diverse skill set encompassing AWS, Docker, Kubernetes, Ansible, and Terraform to optimize system performance, resource allocation, and cost-effectiveness, delivering superior outcomes for multiple projects.
- Demonstrated strong communication and collaboration skills, fostering productive cross-functional partnerships and effectively conveying technical concepts to both technical and non-technical stakeholders.
- Currently spearheading the full implementation of CI/CD alongside Jenkins and Docker to containerize a fintech application, harnessing the power of EKS for efficient deployment and ensuring continuous enhancement and scalability.

EDUCATION

Western Governors University, Utah, Millcreek   **Present**
Bachelors Of Science - Computer Software Engineering and B.S. Cloud Computing
Alberta Educational Centre, Canada, AB   **June 2023**
Diploma - Cloud Engineering - GPA 3.0

SKILLS & INTERESTS

Cloud Orchestration/Automation: Ansible, Terraform, Kubernetes, Docker,Puppet
Monitoring & Event Management: AWS CloudWatch (Events & Logs), AWS SNS, AWS, S3,Splunk,ELK,Grafana,Prometheus
Identity & Access Management: AWS Organization, AWS IAM, SailPoint, Active Directory, AWS Workspaces, AWS Secrets Manager,Okta
Governance & Compliance: AWS Organizations, AWS Control Tower, AWS Trusted Advisor, AWS Well-Architected Tool, AWS Config
AWS Security: Guard Duty, Macie, Security hub, Inspector, WAF, Shield, Security Groups, NACLS, KMS, IAM, SAST, DAST,PCI-DSS,NIST
Application Delivery: Jira, Splunk, Slack,Github
Networking and Data Protection: AWS KMS, Snapshot, Lifecycle Manager, Virtual Private Cloud (VPC), Public and Private subnets, Security Groups, Route Tables, Elastic Load balancer,NAT Gateway,VPN,Direct Connect
Storage/Database: EBS, S3, EFS, NFS,RDS,Aurora,DynamoDB, Redshift,Elasticache