ZONGWEI YANG

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EXPERIENCE

Morningstar   Toronto, ON
DevOps Engineer   April 2022 - May 2023

- Led the development and ongoing maintenance of Python applications, including troubleshooting, debugging and updating applications to meet changing user needs.
- Implemented serverless applications with Lambda for cost-effective scalability and containerized applications with EKS using AWS services for scalable and reliable cloud-based applications.
- Implemented infrastructure as code using Terraform to automate the provisioning and management of AWS resources, significantly reducing deployment times and improving infrastructure consistency and reliability.
- Implemented RESTful APIs, allowing efficient data retrieval and manipulation for front-end teams and external partners. Created API endpoints, ensured security best practices, and documented API usage.
- Automated testing and deployment processes using Jenkins, resulting in a 40% reduction in deployment times and a significant decrease in deployment-related errors, ensuring smoother and more reliable product releases.

Fundserv   Toronto, ON
DevOps Engineer(Co-op)   January 2021 - May 2021

- Designed and implemented sophisticated automation scripts in Python and Bash.
- Automated over 400 Linux servers using Ansible roles, leading to a 50% reduction in deployment time.
- Developed and maintained CI/CD pipelines, integrating tools like Jenkins and GitLab CI.
- Increased the test automation rate from 30% to 100% by leveraging Selenium JavaScript modules in New Relic.

AHPrinting   Toronto, ON
System Administrator   May 2016 - January 2017

- Administered the company's mail and FTP servers, handling user account management and security protocols.
- Maintained and updated the company's static website, utilizing HTML, CSS, and JavaScrip.
- Developed Python scripts to automate various tasks, such as data backups, system updates and log file analysis.
- Maintained Windows servers and Active Directory (AD) infrastructure, ensuring optimal performance, security, and user management.

Sinosoft Company Limited   Beijing, China
Linux System Administrator   April 2011 - July 2015

- Monitored Sinosoft's Linux server infrastructure, primarily focusing on CentOS systems.
- Oversaw the installation, configuration, and regular server hardware and software updates.
- Led disaster recovery planning and drills to prepare for and swiftly respond to data loss scenarios.
- Ensured server performance optimization and security compliance by regularly updating system packages and applications.

EDUCATION

Seneca College   Toronto, ON
Degree in Computer Programming and Analysis *GPA: 4.0*   May 2019 - September 2021

Computek College   Toronto, ON
Degree in Network Engineer *GPA: 4.0*   October 2017 - June 2018

Handan College   Hebei, China
BS Applied Mathematics   September 2006 - July 2010

CERTIFICATIONS, SKILLS & INTERESTS

Certifications:	AWS Certified Solutions Architect - Associate, Certified Kubernetes Administrator, RHCE
Skills:	Python, Golang, JavaScript, SQL, AWS, Git, Linux, Docker, K8s, Jenkins, Terraform, Ansible
Interests:	Raspberry Pi, HomeKit, IoT, Running, Reddit