Elasticsearch, Spring Batch, Keycloak.
Environment: Spring Boot, Spring Security, Spring AOP, AWS S3, EC2, DynamoDB, Angular, AngularJS, MUI, Junit, Spring Data, Spring Boot Cloud,
Implemented AOP in the Spring Boot project by designing logging and Security aspects with Spring Security framework.

- Processed large data sets with Spring Boot and Spring Batch and enhance the DAO efficiency by 14%.

- Defined TDD paradigm including Unit testing and end to end testing using Junit and integration tests for all developed software.

- Designed modern and intuitive SPA with Angular 6 and integrate it with Spring Boot Backend API.

- Developed authentication service , customer service, and messaging service as microservices using Spring Boot Cloud.

- Ajent.com| San Francisco, California, United States
Mar 2016 - Mar 2018
Java Full Stack developer
Redis, Spring Cloud.
Environment: Spring Boot, Spring Security, AWS S3, EC2, RDS, AWS Route53, Docker, RabbitMQ, Maven, JSP, Github, Junit, Spring Data JPA,
Designed the enterprise Java Full Stack websites using Spring Boot, Spring Data JPA, Spring Security and React.

- Worked with a Java squad to build modern cloud-based applications with a DevOps mentality using Docker and Terraform.

- Designed and implemented disaster recovery procedures for critical systems.

- Implemented centralized logging and monitoring using ELK stack and Prometheus.

- Configured the Spring Boot Actuator to monitor and manage the application in production environment.

- Conducted unit testing and end to end testing using JUint, and Spock and analyze the performance using Gatling.

- GitLab.
Developed the architecture of CI/CD code pipeline to improve the average time to push new builds into production using Jenkins and

- Implemented infrastructure as code using Terraform, resulting in a 60% reduction in infrastructure provisioning time.

- Developed and maintained a microservices-based architecture using Spring Boot and Kubernetes.

- Adobe | Toronto/San Francisco
Mar 2018 - Dec 2021
DevOps & Java Backend Developer
Github, Junit, Spring Data JPA, Redis, Spring Cloud.
Environment: J2EE, Spring Boot, Spring Security, Elasticsearch, Spring Batch, AWS API Gateway, S3, EC2, React/Redux, Tailwind, Kafka, OAuth2,
Provide complete infrastructure solutions including configuration, BOM of Server, SNS, EC2 RDS, Route53,

Cloud Formation and IAM.

•

Designed and developed the REST based Microservices using Spring Boot Cloud, Kafka, Elasticsearch, Redis, and OAuth2.

•

system.
Developed Java modules implementing business rules and workflows using Spring Boot, Spring Security, Spring Data, and Maven build

•

Involved in the design and development phases of Agile Software Development.

•

Created automated testing frameworks for Java applications using Selenium and JUnit.

•

Implemented monitoring and logging using ELK stack, resulting in faster root cause analysis of production issues.

•

Designed and implemented Kubernetes clusters to improve application scalability and high availability.

•

Built and maintained CI/CD pipelines using GitLab CI/CD, resulting in a 40% decrease in deployment time.

•

provisioning time.
resulting in a 50% reduction in infrastructure
,
Developed and maintained AWS infrastructure using CloudFormation and Terraform

•

Adobe | Toronto/San Francisco
2023
Jan
–
Dec 2021
DevOps & Java Full Stack Developer
EXPERIENCE
ability to work collaboratively in agile environments.
in designing and implementing scalable and highly available architectures. Strong problem-solving skills and
DevOps engineer with 6+ years of experience in Java development, AWS, CI/CD, and DevOps tools. Expertise
SUMMARY
Toronto, ON, Canada
(+1)6678030949
happy44sesons@gmail.com
Java Full Stack Developer

James Zhang
Problem Solving Certification Hackerrank.com

•

Hackerrank.com
React Certification

•

CompTIA
CompTIA Security + Ce Certification

- Project Management Institution
Project Management Professional (PMP)
- Hackerrank.com
Javascript Certification
-
CERTIFICATIONS

Scripting with either Python or Shell. : 8 years
Microservices: 6 years
Linux : 6 years
Maven: 6 years
Jenkins: 6 years
Developing Docker Files: 6 years
Kubernetes: 4 years
Rancher Administration: 3 years
HELM Charts : 4 years
CI/CD : 6 Years
AWS : 6 Years
Terraform: 4 years
Experience
HTTP/HTTPS, FTP, NFS, SMTP, SSH, NTP, TCP/IP, DNS, DHCP, LDAP
Networking
Windows, Unix, Linux, Ubuntu
Operating Systems
JIRA, YouTrack
Bug Tracking Tools
GIT, TFS/SVN
Versioning Tools
MySQL, PostgreSQL, MongoDB, MongoDB Atlas, Oracle, DynamoDB
Database
Apache Tomcat, Jetty, JBOSS, OracleWebLogic
Application Servers
JavaScript, Python, Ruby, PowerShell,
Scripting Languages
Jenkins, Travis CI, GitLab CI/CD, Docker, Terraform, Kubernetes,
DevOps Tools
Ansible, Chef and Puppet
Configuration Management Tools
Maven, Gradle, Ant
Build Tools
AWS, Azure, GCP
Cloud
SKILLS
The Hong Kong University of Science and Technology
November 2013
Bachelor of Computer Science
University of North Carolina at Charlotte
Dec 2015
Master of Computer Science
EDUCATION