Janus Chung

SAN DIEGO, CALIFORNIA
LinkedIn | Github

SUMMARY

Senior software engineer with experience in the entire SDLC process. Proactive in working with Ops/CICD/QA teams to ensure quality and highly available applications at scale. Seeking a new challenge to expand and improve upon my skill set.

TECHNICAL SKILLS

Languages: Java(Spring, Spring Boot, Spring Cloud, Spring Reactive, Cucumber, Junit, Mockito), Python(Pytest, Peewee), Groovy, Javascript(React), PHP(Laravel, Cakephp, PHPUnit)
Cloud: Terraform, CloudFormation, Fargate, ECR, EC2, S3, RDS, IAM, SQS, Kubernetes, Docker
Development Tools: IntelliJ IDEA, VSCode, Eclipse, Gradle, Maven, Git, Jenkins Pipeline, Puppet, Selenium, Selenium Grid, Docker Compose, ApacheBench, REST, GraphQL
Database Platforms: MySQL, Oracle, Postgres
Application Servers: Apache Tomcat
Development Methodology: Safe, Agile, Scrum

EXPERIENCE

AD HOC LLC   WASHINGTON, DC (Remotely Based)
SENIOR SOFTWARE ENGINEER DEVOPS   *Feb 2023 - Present*

- Built and maintained CI/CD pipelines using Github Actions, Argo CD, DataDog and Hashicorp Vault.
- Built and deployed Infrastructure as Code using Terraform on AWS EKS.
- Created standardized platform EKS service to get Veterans Affairs API services onboard to AWS.

INTEGRAL AD SCIENCE (IAS)   NEW YORK, NY (Remotely Based)
SENIOR SOFTWARE ENGINEER   *Jun 2020 - Dec 2022*

- Built multiple microservices to migrate legacy monolith applications over to Kubernetes in AWS EKS which made feature updates faster and improved developer experience.
- Designed and developed APIs for IAS pre-bid and post-bid platform using Spring boot with a MySQL backend running in Tomcat. This project enabled IAS' clients to integrate with our targeting segments quickly.
- Created a new microservice in AWS via ECS/Fargate. It was called Reporting API and it allowed clients to request reports programmatically.
- Worked on integrating systems developed by the acquired company (Admantx). We had to receive their data and incorporate it as part of our pre-pid feature set.
- Created multiple mock services with Spring Boot and Cucumber framework to improve development in non-production environment and enhance automated tests.
- Mentored and helped new engineers integrate in IAS as part of the co-pilot program.
- Created automated test-suites in Python for regression and acceptance tests.
- Dockerized an existing monolith Spring application to improve developer experience. This project won in the company hackathon.
- Conducted bi-weekly Lunch and Learn sessions for the team to present and discuss new

technologies, and brainstorm improvement for our current tech stack.

STAFF QAA ENGINEER   *Jun 2015 - May 2020*

- Created headless XVFB and Chrome/Firefox test framework to speed up testing time by 80%.
- Created a reusable testing environment for different products using Puppet that spins up AWS EC2 environments on demand.
- Refactored legacy regression suite and cut testing time from 90 to 25 minutes.

IV INTERACTIVE   JERSEY CITY, NJ
FULL STACK SOFTWARE ENGINEER   *Aug 2014 - Jun 2015*

- Designed and created a HIPPA compliant Web Application for IV Interactive using Laravel(PHP framework), MySQL, jQuery, Bootstrap, Skeleton, SASS/CSS3 and HTML5
- Created and maintained unit tests for the above using PHPUnit.
- Proposed and implemented secure backups of codebase and database with PGP data encryption.

MEDIA THREE CORPORATION   NEW YORK, NY
FULL STACK SOFTWARE ENGINEER   *Jun 2013 - Aug 2014*

- Implemented customer support system using CakePHP(PHP framework), MySQL, JQuery, CSS3. This was used to monitor customer complaints and inquiries.

L & L TRAVEL ENTERPRISE, INC   NEW YORK, NY
FULL STACK SOFTWARE ENGINEER   *Aug 2012 - Jun 2013*

- Created and maintained the Online booking/tracking system for 500 travel agents using IIS, ASP, Javascript and SQL Server.

MERCK & CO., INC   MORRISTOWN, NJ
INFORMATICA DEVELOPER (Consultant)   *Jun 2011 - Feb 2012*

- Worked on adding features and upgraded Informatica from version 4.2 to 5.3

DATASYNAPSE, INC   NEW YORK, NY
SENIOR SUPPORT ENGINEER   *May 2007 - Nov 2009*

- Provided technical support for customers using DataSynapse software, a distributed computing application, on their mission-critical production systems in various platforms
- Developed sample code/examples of the DataSynapse API to make integrations for clients easier.

APPLIMATION   NEW YORK, NY
INFORMIA SUPPORT CONSULTANT   *May 2005 - Apr 2007*

- Provided technical support for customers using Applimation software
- Developed custom Oracle/PeopleSoft/Siebel SQL metadata for customers

OPEN SOURCE PROJECTS

MATH WORKSHEET GENERATOR (Github Link)

- A Python app to generate math worksheets that I originally built for my friend to give his 5 year old more basic math practice.
- In a PR an user shared that a whole school generated over 1000 worksheets for students
- It is wired to Github Workflows to run unit test with PyTest
- It currently has 479 stars and 77 forks

JOB WINNER (Github Link)

- A Web application to keep track of job applications
- It uses Java Spring Reactive, GraphQL and Postgres as the backend; React and Material UI as the front end.
- I built this project to help job seekers, especially those who are affected by the 2022-2023 mass tech layoff

EDUCATION

Bachelor of Science, CUNY Queens College, 2005 (Major: Computer Science)