**C H I R A N J I V E E T H A K U R**

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**PROFESSIONAL EXPERIENCE**

**Software Development Engineer II at Amazon Web Services, Vancouver (Apr 2021 – Now)**

* Worked on JDK8 to JDK17 migration for our metadata service resulting in **75% improvement** in garbage collection time and **66% improvement** in garbage collection frequency.
* Worked on downscaling our fleet size by 60% by re-modelling capacity with new generation and bigger hosts to **save infrastructure costs by 40%**.
* Worked on regional expansion for AWS Simple Notification Service (SNS) in **10+ new AWS data centers**.
* Led successful traffic migration from hardware load balancers to EC2 based software load balancers, resulting in multi-million-dollar savings on LB operations maintenance.
* Reduced time for launching AWS SNS into new regions, from 6 months to less than 2 weeks by creating standardized SOPs and automation around the region builds process.

**Senior Member of Technical Staff at Salesforce, Hyderabad (Jul 2019 – Mar 2021)**

* Built highly available secrets scanning service for source code repositories with daily & on-demand scans.
* Used Kubernetes to orchestrate the deployment, scaling and management of Docker containers.

**Software Development Engineer at Kony, Hyderabad (Aug 2016 – Jun 2019)**

* Built a service using **Java and Spring** which built cross-platform mobile apps on the cloud by uploading the source code.
* Automated the process of patching immutable configuration of old version of app with the new version.saving **40%** development time**.** Adopted **Test Driven Design** to implement this feature.
* Built an app state validation tool using **Java** and exposed it via web services using **Spring**. Applied **OOP** and **SOLID** principles to keep the code clean.
* Implemented user interfaces using **HTML**, **CSS** and **React JS** for client facing frontend service.

**ADDITIONAL EXPERIENCE AND AWARDS**

* Created 3 video courses on Design Patterns with over **20,000+ students** on Udemy**.**
* Provided 1 on 1 coaching & mentorship for **clean coding and software design** to other software engineers.

**SKILLS**

**Programming:** Java, JavaScript, Python, Object Oriented Programming, Multithreading, Design Patterns

**Technologies:** Spring Boot, Hibernate, MySQL, DynamoDB

**DevOps:** AWS, Kubernetes, Spinnaker, Docker, Helm, Jenkins

**EDUCATION**

**Ambala, IN** **Maharishi Markandeshwar University** **Fall 2013 – May 2017**

* B. Tech. in Computer Science Engineering, May 2017.

**SOCIAL PROFILES**

**GitHub**: <http://www.github.com/Chiranjivee>

**LinkedIn:** <http://www.linkedin.com/in/chiranjivee>