CHIRANJIVEE THAKUR

(+1)- 236-335-2037
chiranjivee.thakur@gmail.com

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