Rajdeep Kaur

Software Development Engineer II, Amazon

Software engineer with ~6 years of experience building high scale products in the Consumer Internet & Fin-tech space. Skilled in designing and implementing distributed systems.

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📍 Bangalore, India

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SKILLS

JAVA 8 · Elastic Search · Kafka · MicroServices · MemCache · Mybatis · Ibatis · Oracle DB · DB2 · Spring IOC · Spring MVC · Spring Boot · Maven · Spring Integration · REST API · React · Redux · SVN · GIT · JUNIT · JEST · Tomcat · Weblogic · ALM · SONAR · Crucible · Windows · Linux

WORK EXPERIENCE

Software Development Engineer II
Amazon (Prime Video)
06/2020 - 04/2021   *India*

Summary
- Part of the Customer Session Tracking team of Amazon Prime Video, building micro-services responsible for tracking the customer session activities.
- Enabling delightful watching experience for our customers by solving for abuse detection, account concurrency checks, surfacing relevant recommendations.
- Designed and built Multi-Region Live Playback framework for Amazon Prime Video to support data globalisation using Dynamo DB, SQS queues, AWS Lambda.
- Worked on the initiative of unifying Amazon Prime Video's catalog from a distributed one to a centralised catalog for giving a better experience to studios and content creators as well as customers.

Software Developer
Goldman Sachs
06/2019 - 06/2020   *India*

Summary
- Worked on building Customer Relationship Management (CRM) platform to enable our sales teams to cater customers & leads and provide them analytics.
- Built services for our sales teams to manage client voice calls and give them client's insights in realtime leveraging Elastic, Kafka & Web Sockets.
- Designed and built a framework for tag management which solves for organisation & discovery of aggregated data related to specific topics.
- Designed & built REST APIs on the top of our CRM platform to be integrated by other internal teams like payments, event management.
- Mentored & on-boarded a team of 2 software developers in our team to up-skill them on the best engineering practises of the industry.

Senior Software Developer
Sapient Global Markets
12/2017 - 05/2019   *India*

Summary
- Worked on building services to enable automated, efficient and reliable financial & regulatory reporting.
- Designed and built a generic framework, following micro-services architecture, that works on configurations and can initiate, track, validate and send any report via ETL tool Informatica.
- Worked on migration of several financial & regulatory report generation services (MIFID, EMIR, MAR, etc.) from IIB to Spring Integration.
- Built a product to automatically generate code based on predefined templates and few user inputs, similar to the concept of Apache Freemarker.

Software Developer
Tata Consultancy Services
06/2015 - 12/2017   *India*

Summary
- Built a credit risk product that calculates the risk of default that may arise if the borrower fails to make payments on any type of debt.
- Built mechanics based on processing the financial data from several Restful web services and writing business logic on top of that to calculate credit risk rating.

EDUCATION

Bachelors of Technology (Computer Science)
BTKIT, Uttarakhand, India
05/2011 - 06/2015   *84.3%*