MAYESHA KABIR

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EXPERIENCE

Lattice, *Software Engineer,* 05/2023 - Present

- Develop comprehensive technical project implementation plans that proactively anticipates and mitigates significant risks, ensures future implementation adaptability and includes the advantages and disadvantages of various solutions.
- Create project timelines to synchronize the efforts of multiple engineers, manage ticket creation and schedule QA with product and customer experience teams to facilitate a seamless release with minimal defects.
- Onboard junior engineers to quickly ramp up and understand the codebase and take on complex tasks, leading to a more efficient team performance.
- Led the implementation of Employee Leaves Of Absences, which has been adopted by 29% of implemented companies.
- Re-engineered employee ID autogeneration, assessed customer impact and managed complex customer data migration, clearly communicating potential impacts to the client team.
- Implemented crucial tools for the client team, specifically enabling the permanent deletion of employee records within the HRIS, which was built with essential safeguards and successfully minimized the on-call involvement of engineers.

Amazon, *Software Development Engineer,* 07/2020 - 01/2023

- Designed API contracts for 3P teams, created data models and implemented Alexa Guard backend APIs for extracting and persisting customer data utilizing AWS DynamoDB in Java
- Introduced and implemented event-based activity card creation in backend service for the Alexa App homepage, informing customers to setup Guard right upon purchase
- Used AWS Cloud Development Kit (CDK) to automate IAM permission creation and transferring S3 data for backend services
- Contributed to away team work by assisting Alexa Energy team implement APIs to inform about a customer's device's opt-in status
- Designed and implemented fix for duplication of customer notification for Amazon's Correction of Error (COE) report
- Created detailed architecture documents, development guides, workflow diagrams and incident response plans for all three Alexa Guard backend services for new and existing team members

Hootsuite, *Software Engineer Co-op,* 05/2019 - 08/2019

- Helped implement, test and deploy end-to-end features for Hootsuite's Inbox and GraphQL's API micro-services with functional programming standards in Scala
- Streamlined customer experience by contributing to a feature that allows users to directly reply to a public facebook comment privately
- Implemented functionality to extract and add a user's full name onto reply banners, increasing visibility among customers

BlackBird Interactive, *Software Engineer Co-op,* 05/2018 - 08/2018
- Created a heat map system to identify and aggregate location-based interactions in the virtual game world to influence AI agents using C# in Unity3D
- Allowed the creation of heat maps to be data driven by enabling user inputs (colour, cell size range, specific game events)
- Allowed for numerous heat map data to be visualized in real time by rendering it on the game map as well as mini map

East Side Games, *Software Engineer Co-op,* 09/2017 - 04/2018
- Implemented a tool-tips system for the company's internal webpage to allow easy training for new employees
- Reduced designer workload by creating an automated monthly scheduler
- Added, improved and refactored UI features to better enhance user experience

EDUCATION

University of British Columbia, *B.Sc in Computer Science,* 09/2015 - 05/2020

LANGUAGES

Typescript, Java, JavaScript, SQL, C#, Scala, PHP

TECHNOLOGIES

AWS Services, DynamoDB, Simple Queue Service, Cloud Development Kit, CloudWatch, Simple Notification Service, RESTful Apis, Object Oriented Programming