

MAYESHA KABIR

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EXPERIENCE

Amazon, Software Development Engineer I

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

Java, C#, Scala,
PHP, JavaScript,
TypeScript

TECHNOLOGIES

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