

Skills

Java • JavaScript • TypeScript • SQL • React Native • REST API • GraphQL • JUnit • AWS Stack • Git • CI / CD • OOP
NoSQL Database (DynamoDB) • Relational Database (Redshift) • ETL • Docker • TDD • Agile • Scrum • Backend • Fullstack

Experience

Amazon.com, Inc

Software Development Engineer - Alexa Shopping

September 2021 - March 2023

- Orchestrated and executed testing plan for high-traffic peak event season. Successfully estimated traffic for all services, assessed operational capacity, and performed stress tests on all team-owned systems, avoiding ad-hoc capacity spikes and outages. Decreased cost, by improving traffic estimates by 15% compared to the previous year.
- Engineered critical dependency migration of a legacy service to mitigate security risks and resolve long standing technical debt, improving operational team KPI by 4%.
- Assisted teams across the Alexa Shopping org to run A/B and end-to-end tests of new features, worked to onboard new customers to teams' services.
- Designed and implemented a native AWS service API (DynamoDB, Lambda, SQS, SNS) for processing customer privacy and data compliance requests aligned with global GDPR policy, including end-to-end automated tests and fallback strategy.
- Streamlined team sprint planning process, introduced retrospective sessions to drive the continuous improvement and development process, resulting in sprint velocity increase by 60%.
- Participated in the on-call rotation, including but not limited to debugging, troubleshooting, service and version set maintenance.

Software Development Engineer - Amazon Web Services

July 2020 - September 2021

- Collaborated with the UX team to upgrade customer portal view, streamline and improve overall customer experience based on the feedback from a focus group.
- Designed and launched a front end component (React Native) on a customer facing portal utilizing ML model to render search suggestions reducing customer search time by 50%, reducing customer request processing time from the average of two days to a few hours.
- Designed and built a new backend service utilizing ML prediction model to provide specific tailored suggestions based on customers' search history.
- Audited and improved test coverage of the team owned front end services from 60% to 85%.
- Facilitated A/B feature testing and continuous development loop based on the testing feedback.

Business Analyst - Amazon Corp

February 2017 - July 2020

- Delivered complex analysis of employee satisfaction surveys, and key data points to support stakeholder annual goals setting process, helping to improve employee experience by 20%.
- Built BI reporting tools for teams across multiple Amazon organizations to facilitate weekly and monthly business reviews, goal tracking and quicker decision making.
- Designed and implemented ETL pipelines streaming highly confidential analytical data to HR orgs across Amazon cutting the wait time by 100% for the most frequent use cases and reducing the team workload by 90%.

Operations Analyst (third party contract) - Amazon Web Services

November 2016 - February 2017

Renault Russia, LLC Cost Project Manager

October 2013 - November 2015

Ernst & Young, LLC Assurance Consultant

November 2011 - September 2013

Education

Copenhagen Business School, Denmark

2010 - 2011

M.Sc. in Business Administration and Management (Danish Government Scholarship Program)

Samara State Technical University, Russia

2004 - 2009

B.A. / M.Sc. in Economics with Honors