

CHINMAY SAWAJI



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PROFESSIONAL SUMMARY

Senior Software Engineer with 10+ years of experience in the development of enterprise software. Proven ability to lead and mentor teams, and to deliver high-quality software on time and within budget.

WORK HISTORY

Software Development Engineer, 10/2015 - Current

Alexa Amazon.com, Cambridge, MA

- Designed integration of sensor data/event on Alexa multimodal devices to control device states for both FireOS (Android based OS) and C++.
- Launched Alexa skill ratings to allow customers to provide ratings via voice and touch (multimodal devices). This reduces friction for customers to provide ratings which increased overall ratings for skills by 2.5 stars. Alexa skill ratings was launched in 11 locales.
- Led team of 3 engineers to design and implement automated data pipeline to compute econometric models to perform downstream value analysis of Alexa experiences. This work helped reduce overall time taken to compute results from 4 months with 2 BI engineers and 1 economist to less than a week. The system also made onboarding of workflows easier (100+ workflows onboarded in 1 week's time, previously needed 1 BIE and 1 economist 1 month's effort)
- Led initial design and implementation for Alexa derived data deletion for deletion requests from customers for compliance requirements (e.g GDPR). The service served peak 5K TPS of deletion traffic and supported 3 archive formats.

Software Development Engineer, 01/2014 - 10/2015

Amazon Fulfillment Technologies (AFT) Amazon.com, Seattle, WA

- Designed CRUD API in Java for inventory problems and defects for inbound fulfillment center

Software Engineer, 01/2013 - 01/2014

FactSet Research System, Norwalk, CT

- Designed and implemented C++ service to authenticate and authorize users trying to access financial market data.

EDUCATION

Master of Science, Computer Science, 12/2012

SKILLS

- Fluency in Java, Python, C++
- AWS - S3, Lambda, DynamoDB, SNS, SQS
- Agile Development Methodologies
- Software Architecture

College of Computer And Information Science - Boston

- Majored in database system design

Bachelor of Computer Engineering, 05/2010

University of Mumbai - Mumbai, India, India

- Graduated with distinction