CHINMAY SAWAJI

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OBJECTIVE

To utilize my strong technical skills and experience in software engineering to lead projects from concept through completion.

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.

SKILLS

Fluency in Python, Java	AWS - S3, Lambda, DynamoDB, SNS, SQS
gRPC, HTTP/1, HTTP/2	Kubernetes
Agile Development Methodologies	Software Architecture

WORK HISTORY

SENIOR SOFTWARE ENGINEER   12/2023 to CURRENT

Klaviyo | Boston, MA

- Architected critical error handling and observability components including state machine and retry services, leading cross-team implementation efforts
- Leading data orchestration infrastructure unification project as Technical Lead to reduce operational costs by 40%.
- Established and drove adoption of standardized release planning process at Klaviyo, improving deployment efficiency

SOFTWARE DEVELOPMENT ENGINEER   10/2015 to 11/2023

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 to 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 to 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

College of Computer And Information Science, Boston

- Majored in database system design

Bachelor of Computer Engineering
05/2010

University of Mumbai, Mumbai, India

- Graduated with distinction