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+1 984 215 8067

WEB
vicky-katara.github.io

TECHNICAL SKILLS

Java, Spring
AWS micro-services
gRPC, Open CV, Pillow
Full-Stack Dev
JavaScript, Web-Dev
Dev-Ops with CI/CD

EDUCATION

MASTERS IN
COMPUTER SCIENCE
North Carolina State University
2015-2016 / G.P.A.: 4.0

BACHELORS IN
COMPUTER ENGINEERING
University of Mumbai
2009-2013

SAVE MY CONTACT

VICKY KATARA Senior Software Engineer

I am a seasoned senior software engineer with a strong background in Full Stack and backend micro-service development. I've lead teams of engineers to build several high value, sustainable, products and services in the AWS and Amazon Retail product families.

WORK EXPERIENCE

2021 – PRESENT, SENIOR SOFTWARE ENGINEER
AWS Computer Vision (Rekognition) & Amazon Lists

Helped launch AWS Rekognition's (CV) custom moderation offering. Built the Image-Validation service used across API families. Lead operational excellence initiatives.
Tech Lead with Amazon Lists: Lead the team to launch several successful products including enhanced hearts experience add-to-list redesign, migration off of the legacy Gurupa framework (7 years in the making). Lead operational excellence for the team, including roadmap planning. Assisted with talent-reviews, mentoring, on-boarding and hiring activities

2017 – 2021, SOFTWARE ENGINEER, AMAZON
Amazon Lists

Project Lead with the Amazon Lists team to deliver commercially successful products (Hearts on Amazon Products, Collaborative Lists, List-Creation Redesign). Operational leader responsible for several Ops processes within the team.

MAY 2016 – AUG 2016, SOFTWARE DEV INTERN, AMAZON
Amazon Lists

Built and released REST APIs for Amazon Lists. These were used for several internal migration from legacy frameworks.

JAN 2014 – JUN 2015, TECHNOLOGY ANALYST, DELOITTE CONSULTING
Business Intelligence - Data Warehousing

Quality engineering projects for Cellular enterprise clients

PROJECTS

AWS COMPUTER VISION - IMAGE VALIDATION SERVICE   [2024]
Built and aggregated the Image-Validation Service used by all of the AWS Computer Vision Org. This is an aggregated service intended to validate media (Images, Video Frames).
Technologies Used: gRPC, Python, OpenCV, Pillow, ECS Fargate, etc.

AWS REKOGNITION - CUSTOM MODERATION   [2023]
Helped launch a revolutionary enhancement for the Moderation API which allows customers to train a personalized adapter using their images and videos, and use this to run inferences.
Technologies Used: Java, Python, AWS CDK-Typescript, etc.

HEARTS AND ENHANCED HEARTS FOR MOBILE   [2018 / 2021]
Lead the development and launch of Amazon's Heart feature. This is used globally on all Amazon product detail pages. The initial launch was extended by offering the customer the ability to save items to many of their lists.
Technologies Used: Java, Spring, JavaScript, AWS Elasticsearch (etc.)