

ADDRESS

105 North-west 103rd St.
Seattle, WA - 98177

E-MAIL

vicky.p.katara@gmail.com

MOBILE

+1 984 215 8067

WEB

vicky-katara.github.io

TECHNICAL SKILLS

Java, ML-Ops
AWS micro-services
Nvidia riton, AWS-CDK
Full-Stack Dev
JavaScript, Web-Dev

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 experience in building AI/ML Services with AWS Bedrock Gen AI Services using cutting edge technologies solving complex customer problems . I lead teams building products and services in the AWS AI/ML Org and Amazon Retail product families.

WORK EXPERIENCE

2021 – PRESENT, SENIOR SOFTWARE ENGINEER

AWS Bedrock Gen AI Services (Computer Vision)

Launched several greenfield Gen-AI Media Processing services. Lead a service migration for AWS Computer-Vision service offerings to reduce Infra-costs by 45% . Ops-excellence leader for a dev-team with 12 SDEs.

2017 – 2021, SOFTWARE ENGINEER, AMAZON

Amazon Lists

Project Lead with the Amazon Lists team to deliver several commercially successful products (e.g. Hearts on Amazon Products, Collaborative Lists). Also lead several tech-operational processes within the team.

PROJECTS

AWS BEDROCK GENAI SERVICE OFFERING

[2024]

Launched a greenfield Gen-AI service offering with AWS Bedrock. This offers customers multi-modal media insight generations using Large-language and classic AI models to offer customers customizable capabilities at desired price-points.

Technologies Used: NVidia Triton, Python, Java, AWS-CDK Typescript

AWS REKOGNITION LABELS - RE-ARCHITECTURE

[2024]

Delivered a cost-reduction and modernization initiative. This initiative helped reduce Infrastructure costs by 45%, while also bringing latency improvements of 15%.

colorBlack Technologies Used: NVidia Triton, Python, Java, AWS-CDK Typescript, Python-CV (Pillow, OpenCV)

AWS COMPUTER-VISION - PIPELINE HEALTH IMPROVEMENT

[2023-2024]

Defined strategy and lead pipeline-health (CI/CD) for the AWS-Computer Vision org. This included 120 SDEs and 150 total stakeholders. Eventually reduced deployment effort from 150 developer-days / month to 26 developer-days per-month

HEARTS ON AMAZON

[2024]

Lead the development and launch of Hearts-on-Amazon. This offered an intuitive end-to-end customer experience (including backend-services) that fundamental changes in the amazon retail customer journey. *Black Technologies Used:* Java, AWS Elasticsearch, JavaScript / Typescript, Java-Spring

AMAZON WISHLISTS - GURUPA MIGRATION

[2015 - 2022]

Participated and lead the Amazon WishList team's migration off of the Gurupa framework. This included the migration of more than 100 APIs used across many Amazon Retail Web-pages to modern microservices.

Technologies Used: Java, Perl-Mason, JavaScript, AWS DynamoDB, etc.