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ROLINE STAPNY SALDANHA
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EDUCATION

Texas A&M University, College Station, TX   May 2021
Masters in Computer Science - GPA – 3.9/4.0

N.M.A.M. Institute of Technology, Nitte, India   May 2019
Bachelor of Engineering in Computer Science & Engineering - GPA - 9.54/10

TECHNICAL SKILLS

Languages: Java, Python, Typescript

Skills: Data Structures and Algorithms, AWS, Agile, CI/CD, Docker, GIT, Software testing, Adaptability, Customer Obsession.

EXPERIENCE

Amazon - *Software Dev Engineer II – Amazon Luna, CXBT*   March 2023 – present
- Expanded **AI/ML service benchmarking** by onboarding multiple third-party providers and APIs, improving service efficiency.
- Developed an **automated accounting solution** for third-party revenue share contracts, eliminating manual accounting work across multiple teams
- Designed and implemented a feature to block duplicate game purchases, preventing **798+** duplicate transactions within 14 days of launch
- Standardized services by adopting organization-wide coding standards, improving code quality and maintainability
- Mentoring an SDE intern, providing guidance on backend development and best practices

Amazon - *Software Dev Engineer I – Amazon Luna*   July 2021 – March 2023
- Implemented infrastructure and backend service changes to **internationalize** a microservice, enabling global expansion
- Developed and maintained multiple microservices using Java and AWS services like Lambda, DynamoDB, SQS, SNS, S3, and CloudWatch
- Designed and built a GDPR compliance architecture that successfully processes **~21K** requests per day.
- Designed and developed a solution to consolidate all Luna's first-party channel offerings

Goldman Sachs - *Summer Analyst at Marcus Cloud team*   July 2020 – Aug. 2020
- Developed a dashboard app that helps developers to quickly view anomalies in AWS ECS services.
- Built the back-end by creating API Endpoints in Python using Boto3 and Flask.

PUBLICATIONS & LEADERSHIP

- D. K. Sreekantha, R. S. Saldanha, J. G. Krishnappa, S. G. Mehandale, R. R. Carmel Glen and M. K. Prajna, "Predicting difficulties in Mask Ventilation using Machine Learning techniques," *2019 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)*, Manipal, India, 2019, pp. 1-6, doi: 10.1109/DISCOVER47552.2019.9008092.
- D. K. Sreekantha, R. Rhea Carmel Glen, P. M K, S. G. Mehandale, R. Stapny Saldanha and G. Jotsna Krishnappa, "Prediction of difficulties in Intubation using an Expert system," *2019 IEEE International Conference on Distributed Computing, VLSI, Electrical Circuits and Robotics (DISCOVER)*, Manipal, India, 2019, pp. 1-7, doi: 10.1109/DISCOVER47552.2019.9007952.
- Google Scholar profile - https://scholar.google.com/citations?user=D-eVl0cAAAAJ&hl=en
- Judged Globee Awards 2025 – https://credential.globeeawards.com/profile/rolinestapnysaldanha884602/wallet
- Judge Artificial Intelligence Excellence Award 2025 - https://www.bintelligence.com/judge/roline-stapny-saldanha