

Rishabh Agrawal

Production Engineer | rishabh.ag94@outlook.com | (817) 401-5713 | Menlo Park, CA

SKILLS

Java, C, Spring boot, Android SDK, REST APIs, SQL, Git, Eclipse, Jenkins, Kubernetes, Junit, RabbitMQ, NoSQL, AWS services: S3, Lambda, SQS, Route53, CloudFront, KMS, API Gateway

WORK EXPERIENCE

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| Meta | Jul 2022 – Present |
| Production Engineer | Bay Area, CA |
| <ul style="list-style-type: none">Designed a new WhatsApp Business Cloud API load-test infrastructure to handle AI workstreams and internal feature testing used across WhatsApp, and optimize h/w usage by 25%Reduced average latency for WhatsApp Business Cloud API by 50% through data-driven insights, addressing bottlenecks, and implementing targeted efficiency improvementsAchieved 99.9% uptime for WhatsApp Business Cloud API production, implementing release signals, automation, proactive monitoring to reduce SEV incidents downtime by 60% | |
| UiPath | Jan 2022 – Jul 2022 |
| Software Engineer | Austin, Texas |
| <ul style="list-style-type: none">Designed and developed /import, /export endpoints for third-party marketplace feature offeringRefactored the infrastructure to deploy on-demand AWS hosts for internal Publishing elementsIntegrated mutation testing with >91% coverage for global platform Internationalization | |
| Amazon | Sep 2020 – Jan 2022 |
| Software Engineer | Austin, Texas |
| <ul style="list-style-type: none">Developed serverless automated document service for international exports deprecating legacyDeveloped simplified, efficient and scalable backend with UI for live-stream event operationsVisualized 20+ metrics real-time, and setup alarm events across global regions in an alerting dash | |
| Copart | Aug. 2019 – Jun 2020 |
| Software Engineer Co-op | Dallas, Texas |
| <ul style="list-style-type: none">Decoupled RPG based DMV BILLING system requiring new design and architecture; Developed APIs in Spring Boot and used RabbitMQ to capture Kafka events and trigger WSO2 ESB sequences to handle the event-driven API calls for an external client to internal eventsDeveloped the new microservice architecture-based check printing API replacing the process from old dot-matrix systems to new MICR printers, saving Copart annually >\$300K in check printing costDeveloped the architecture for Positive Pay process to incorporate multi-bank support | |

PROJECTS

- Group project on analysis of Covid-19 data for symptoms, per country findings on Covid-19 dataset through Kaggle for (CORD-19) project w/ Sonia Ch.
- Robotics: (autonomous robots)
 - Developed path planning and motion control to navigate around obstacles and locate target
 - Implemented logic to locate fire and mechanism to extinguish fire using motorized fan
- Android Apps: (personal projects)
 - Copy Save: app to capture, persist copied clipboard text and review later, >2000 downloads
 - Text Scan+Translator: app to recognize text from Camera in real-time, 1-click copy & translate
 - Others: Math Quiz app, Wallpapers app using Pixabay for license-free images
- Email-SMS text Classifier: ML Naive Bayes classifier to classify text message as ham/spam

EDUCATION

M.S. in Computer Science , The University of Texas At Arlington	July 2020
B.S. in Computer Science , UPTU India	July 2016

EXTRA-CURRICULARS

- Active student member at associations: SWE, NSBE and SHPE for school UTA school chapter