**Vinutha B Ramu**

**DevOps - Build and Release Engineer**

**Praveen.p@saranshinc.com**

**609-934-3901**

**Professional summary:**

* 10+ years of professional experience in DevOps with Build and Release Engineer, Agile Scrum/QA Methodologies, Management and Business Applications
* Demonstrated effective time management, organizational, prioritization, and planning skills with Ownership of End-to-End release process to the Public domain.
* Build/Release Engineering for development, automating, building, releasing, deployment and analyzing and technical support working in challenging environments.
* Strong understanding of DevOps principle and practices including CI/CD tools.
* Experience in implementing and managing CI/CD pipeline using Jenkins and AWS
* Gained strong technical engineering management skills, supported and implemented high-impact projects with cross-functional teams
* In-depth knowledge in SDLC, STLC and SQA methodologies and Hands on experience in testing Web and Mobile applications with Manual, Automation on Android, iOS devices.
* Extensive knowledge and experience in Automation Tool - Selenium IDE/Web Driver, Appium,Robotium framework and experience in using Unit Test Frameworks like Junit/ TestNG
* Developed comprehensive QA documentation and Proven Experience in defects identification and documentation in defect tracking tools.
* Demonstrated decision-making, analysis, and problem-solving skills-the ability to develop creative solutions to assigned projects.
* Work effectively in a fast-paced, dynamic environment, ability to learn new tools and technologies, committed to organization, Team building, Time management, Collaborative skills, Quality and strived to improve customer success and satisfaction.
* Supported Daily, Weekly, Monthly Releases with validation and successfully conducted launch readiness plan and involved in Go-No-Go and Go-To market decisions.

**Technical skills:**

**Languages :** HTML5, XML, JavaScript, SQL, JAVA, Python, SQL, CSS3, JavaScript

**Marketing :** Google Analytics, Ads, SEO Concepts, Salesforce Marketing Cloud

**Database :** Oracle, dbForge Studio, MySQL, Microsoft SQL Server

**Test Automation :** Selenium IDE/ Web driver, Robotism, Appium, Eclipse

**Bug Tracking :** JIRA, Bugzilla, TMT, HP Quality Centre, Test link

**Technologies :** Linux, Tableau, Power BI, Git/GitHub/GitLab, AWS, Jenkins, Gen AI, Google AI

**Project Management :** JIRA Confluence, Trello, Jamboard, G-Suites, Microsoft Suites

**Skills :** Communication, Leadership, Teamwork, Time/Project Management, Problem Solving, Prioritization, Organization, Decision Making, Budget

**Education/ Training/Certification:**

* 2023 Certified Scrum Master, Scrum Alliance
* 2013 MS in Computer Science, SVU, San Jose, CA [GPA - 3.9]
* 2013 SQA Certified - Manual, Mobile and Automation Testing, Portnov Computer School, CA 2005 BS in Information Science, VTU University, India

**Work experience:**

**Client: Google Inc | San Jose, CA Duration: Dec 2023 - March 2025**

**Build and Release Engineer**

**Roles and Responsibilities:**

* Led, Own, Managing and responsible for the internal end-to-end release process of SDK and Jetpack libraries and Expertise on creating AOSP changes for the Releases
* Involved in SDK finalization, SDK version updates and supported SDK Q3 release to ensure that the drop is successful with clean build and release to the public domain.
* Demonstrated proficient level of knowledge with source code control systems, compliance requirements, Google build, release process, and deployment standard tooling like Git/Github.
* Led a team on multiple cross-Google launches by monitoring various projects and Proficient in Google processes and tools like TAP, Builds and Branches, Critique, Cider, Buganizer, Test Fusion, Code Search, Google cloud.
* Worked closely with Android policy, EngProd, Android partners and Engineering teams to drive towards more agile partnership processes and tooling
* Maintain Source Control branches, Control engineering team's access to those branches from time to time depending on the release schedules.
* Developing and maintaining build, deploy scripts for the application. Learn the architecture of all the applications to help troubleshoot any issues for each application
* Responsible for internal release and maintenance of Android SDK pushes and worked with Cross-functional teams to resolve breakages on time, streamlined and standardized the release management process to improve the service quality.
* Create, Modify, Update and Execute the shell script for SDK daily drop and run the TGP global presubmit and make sure TAP is clean, and add pre submit tags and send for approval.
* Collaborate with a cross functional team to get the issue fixes, reviews and approvals to drop support libraries into Google3 for all Internal Google Android apps.
* Involved in the Development, Deployment, Analysing and testing the Android Framework (SDK, Support Library, Emulator, Studio) and git\_main repositories.
* Actively participate in reviewing and updating the artifacts of the repository.xml, source and platform files of ASWB (Android Studio with Blaze).
* Worked on Jetpack Libraries G3 drops [Camera, Media, Browser, Paging, Work, Core, Car, Wearables, Emojis, Navigation] and updating new libraries into Google 3 drop and AndroidX Platform and

Review/Submit/Patch/Hotfixes for Argon generated CL’s for daily drop.

* Involved in fixing, updating the code, scuba changes issues in G3 based on new enhancement request to Google 3 drop changes
* Continuously improving the code quality, evaluating, reporting performance improvements.
* Participate in troubleshooting, fixing the failures, monitoring test failure and build breakages.
* Effectively work with TPM’s, Product owners when any specific API’s request drop delivery on a prioritized basis and resolve any blockers making sure the TGP is clean with success.
* Using technical expertise like Python, Linux, JAVA, Guitar test and shell script and developed the files required for the release.
* Cherry‐Pick, Snapping the build as per the requirement and working on a Git repository.
* Daily Pushes of Android SDK and Support Libraries to Google3 channels (prerelease, experimental and stable) by running Global Presubmits for testing all the internal Google Apps.
* Involved in Bug triaging to find unique root cause failures for the broken targets, build failures, API level changes, Versioning, Scuba diffs, Golden manifest, Nullability, compiler, baseline issues, java related issues and filing the bugs in Bugaziner and updating the latest.
* Verifying and validating various builds in the Master branch of Android Build Server.
* Maintaining, Monitoring and Fixing the TAP (Test Automation Platform) for daily build cuts for various projects inside Google use Google AI to troubleshoot the issue and API’s.
* Document Metrics KPI’s status report, releases, track deliverables, bugs and blockers.

**Tools:** Cider, Critique, Buganizer, Gerrit, Piper, Android Studio, Eclipse, Blaze,Go, Test Automation Platform, Test Fusion, Shell script. Android Studio, Android SDK, Emulator, Java, Python, Linux, BUILD, Google AI, Buganizer, Google Cloud.

**Client: Adzmapper | Cupertino, CA Duration: May 2022 - Nov 2023**

**Devops - Build and Release Engineer**

**Roles and Responsibilities:**

* Created technical roadmap, prioritized product deliveries, executed associated tasks, drove technical decision to deliveries and supported teams in resolving dependencies
* Implemented, Executed project plan, Collaborated with cross functional teams on project updates, successfully conducted launch readiness plan and involved in Go-NO-Go Meetings.
* Worked with cross functional team to understand the process and Created/Managed/Monitored the workloads and AWS services.
* Achieved system efficiency after testing code performance and updates on GitLab CI/CD
* Maintaining maximum uptime and maximum performance capacity for production,QA and UAT/staging with Excellent troubleshooting and debugging skills.
* Configuring various jobs in Jenkins for the deployment of java based applications and running test suites to monitor the code quality analysis techniques - find bugs.
* Perform end-to-end requirement traceability matrix ensuring handoff across various delivery phases and alignment on the UAT testing based on user stories and ready for Go-To Market.
* Delivered with actionable recommendations to optimize user experience across marketing channels and products to leadership.
* Effectively communicate actionable insights to category leads supporting their goals and objectives. Prepared presentations to clearly articulate results
* Own release management processes all the workflows, metrics and project status
* Updating all the activities in Jira to track the status of the user stories or defects.
* Understand and collect business/product/operational issues faced by creators and internal stakeholders and provide strategic insights to Product and Eng teams.
* Build and Release projects through Continuous Integration Management for the application.
* Responsible for training and onboarding vendors by coaching and mentoring.

**Client: GoRewards.io | India Duration: August 2018 - April 2022**

**DevOps and QA Release Engineer**

**Roles and Responsibilities:**

* Led, Managed, and Owned projects from start to completion, also mentored team on a project
* Coordinated with Stakeholders, Cross Functional teams, Involved in QA and deliverables to ensure all the requirements have been met and Demoed in the Sprint reviews.
* Work with the web and mobile applications team to ensure proper integration and analyze the end-to-end application and Campaign workflow of the App.
* Planned and executed defined DevOps and related technical project tasks
* Hands-on experience with AWS resources like EC2 and worked on setting up its security
* groups, volumes, snapshots, AMIs.
* Performed Smoke, Acceptance, Regression, Functionality, UI, Usability, Exploratory, A/B testing, Product barcode scanner/QR Codes, Ad Videos, Styles/themes to meet design.
* Performed Beta testing using TestFlight on iOS devices and .apk for Android devices.
* Responsible for testing, debugging, bug fixing, and documentation.
* Used Jenkins as the CI/CD tool and Tested, Validated after deployment of the application.
* Updating all the activities in Jira for the application team in order to track the status of the user stories or defects and worked on debugging the application using log files.
* Collaborate with cross-functional teams to ensure marketing strategies are aligned with business objectives and assist offshore/onsite team for app release.
* Expertise in A/B testing, monitored using Google Analytics, various marketing Campaign to know the user interaction with the mobile app traffic and to improve ROI.

**Client: Google Nest | Palo Alto, CA Duration: Sept 2014 - July 2015**

**QA Analyst and Marketing Release Engineer |**

**Roles and Responsibilities:**

* Responsible for project initiations, collaborations with developers and built the team credibility
* Implemented Agile/Scrum framework, Product backlogs, Test plan, Test cases for Nest emails.
* Worked with (www. Nest.com, Nest Store, Nest Pro, Nest App, Nest Support, Energy partners,
* Salesforce business team and Nest Marketing team) to design the email templates
* Interacted with FE, BE Devs to discuss the logic of the business flow to create emails, design, content creation for orders, billing, payment, card details, subscription, shipping and bundling products. Executed test cases using Testlink and filed bugs on JIRA
* With growing adoption of responsive, interactive email design with frequent copy changes, tested the templates for regressions, met the deadlines and ensured the launch was successful.
* Validated HTML “utm” parameters in the browser link, images, gif and animation in the emails.
* Tested on iOS, Android devices, tablets, browsers for UI, Functionality, Regression testing
* Conducted Smoke, Adhoc, Functional, Ul, Compatibility, Localization and Regression testing on Promotional/Transactional /Newsletters, Retention Emails for Google Nest products
* Involved in testing the Google Nest Store using the AWS platform.
* Expertise in Web-Development technologies like HTML5, JavaScript, CSS3, XML.
* Experienced in A/B testing, monitored using Google Analytics to track web and mobile traffic.
* Responsible for deploying all Google Nest Emails in the telegraph server - Nest for QA.
* Configuring Jenkins as a common build engine to build, deploy into dev, QA, UAT and prod.
* Monitoring test failures and build breakages and involved troubleshooting and fixing failures.
* Worked with Salesforce Marketing Cloud to trigger the Email marketing campaign. Performed KPI to track data, analyze campaign results, reports and optimize email campaigns.

**Client: Skype – Microsoft | Palo Alto, CA Duration: Dec 2013 - Aug 2014**

**QA Engineer/Release Engineer - Skype for Android**

**Roles and Responsibilities:**

* Actively participated in 4 weeks sprint planning meetings, team meetings and worked on Product Backlog Items, Demos and discuss new feature implementation.
* Identify, Review, Gather and translated BRD to write test cases in TMT for the full functionality
* coverage and involved in prioritizing the test cases and identifying defects Set up the test automation framework using Robotium, JUnit and SVN.
* Executed functional test scripts. Use Ant build file to compile and SVN to do code check-in and make use of FishEye tool review/compare code.
* Ran Automated test cases and test suites for Regression Testing via Selenium Webdriver.
* Providing technical guidance on the Build/Release process for Skype for Android app.
* Good knowledge of ADB commands installing APKs and analyzed adb log files,identify errors.
* Use DDMS to capture screenshots, to understand device behavior, testing on devices.
* Validated app functionality on a wireless provider with 3G/4G (Verizon, AT&t;T, T-Mobile)
* Performed smoke, functionality, accessibility, ad-hoc, UI, Usability, compatibility, regression testing, Localization, battery drain, stress testing, Cross - device, Cross - OS release.
* Go-To Market testing in QA, Beta and Production Environment
* Worked with cross functional and offshore teams to ensure that the quality is per requirement.
* Updating all the activities in Jira to track the status of the user stories or defects.
* Used Android Emulator Manager to decrypt Skylibs logs and Logcat to review logs files.

**Client: Los Altos Software Testing House, Mountain View, CA**

**Title: Software QA - Engineer Duration: Aug 2012 - Nov 2013**

**Client: BEAM Mobile Application - Tested mobile app using BEAM network**

**Client: GenieTrack.com - Tested web/ mobile applications to monitor children's whereabouts.**

**Client: MindTree Ltd, Bangalore, India**

**Title: Senior Software Engineer and Tester | Duration: Nov 2008 - Mar 2009**

**Repackaging the Applications using MSI for Deutsche Bank. Validation, Scripting and Testing.**

**Client: Hewlett Packard, Bangalore, India**

**Title: Software Engineer and QA Release Engineer | Duration: Jan 2006 - Nov 2008 Repackaging the applications using Morgan Stanley and Galway Standards. Scripting and QA.**