# Geetha GovindRaj Pasupathy

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**Objectives:**

Searching for position as a DevOps Engineer that utilizes experience in pre-processing and data privacy to improve organizational practices and contribute to team development efforts.

**Experience Summary:**

* Overall 6+ Years of experience including 2+ Years in UI Development and 2+ years as DevOps Engineer.
* Familiar in DevOps. Experienced in working with Support and Development areas.
* Interested to explore and work on DevOps and Automation.
* Involved in writing scripts in Ansible, Unix Shell scripting and automating the jobs using Crontab Schedulers.
* Worked on CI Jenkins, Jboss and tomcat servers, Production support issues and deployed the fixes to Prod environment.
* Experienced in JavaScript, HTML & CSS, ReactJS with TypeScript.
* Technologies familiar with Jenkins, Sonar, Maven, Artifactory, Git, SVN, Ansible – Jinja2, Docker, Kubernetes, Shell script, Crontab, Puppet, Nginx, Nagios, SQL and knowledge in AWS Cloud and Salesforce in Triggers, Lightning, Custom setting, Workflow, Process builders, Flow.

**Project Experience:**

**Prenetics Innovation Labs Pvt. Ltd., India July 2019 – Till date**

**Designation : Executive Engineer**

**Project : CircleDNA, DNAfit, Project-Screen**

**Description:**

CircleDNA**,** DNAfit, Project-Screen all these are related to taking DNA tests to make people aware of their diseases and those samples are processed by an internationally accredited Lab, using the most advanced technologies.

Each has a different role to deliver, like *CircleDNA* is to aware people for cancer disease, *DNAfit* is to improve health and well-being, *Project-Screen* is regulated by the Care Quality Commission for the major reason of COVID-19.

**Technologies:** HTML & CSS, ReactJs with TypeScript, postgreSQL, Selenium, Appium, Docker, Kubernetes, Salesforce.

**Wipro Technologies Ltd, India October 2016 – April 2019**

**Designation : Software Engineer**

**Role : UI-Developer**

**Project : Mobile Application Operations (MAOps) – in Development**

**Account Name : APPLE COMPUTERS INC.**

**Description:**

**Apple Store App (ASA)** Mobile operation details with the App and has various applications to monitor.

**Contribution:**

Below are the applications developed:

* **Blackboard**: This tool is designed to track MA-Ops tasks with on-demand 'buzz’ features and it is very much useful for task tracking. It acts as a one-stop-shop to Assign, Track and Update, Close and Buzz (ask for an update) for any task assigned to team members.
* **MA Status**: This application is very helpful for developers and Operations teams to analyze the health status of various environments. It has various details like App name, Status, Build#, Port, etc. It is developed with the Ansible, which used to collect data from Spring Boot and mount also generates .json files on the mount.
* **Deployment Tool**: This tool is about the deployment of applications in different environments. UI and Services are developed in Spring Boot and core deployment is created with Ansible. Based on inventories the host information is displayed in the UI. With the user's input, the dynamic commands are generated and Ansible deployment tasks are triggered. Most important thing is that User can view the logs from the UI itself.
* **Certificate Validation Tool**: This tool addresses the need for a team to validate certificate types, aging and renewal of the certificate which can be centralized and used by different application teams. It has been implemented generically to validate a certificate as well as certificate metadata. The requirements are based on the issues surfaced as part of the routine certificate maintenance by the Mobile Apps Operation team. It has been implemented generically to validate a certificate as well as certificate metadata.

**Technologies:** JavaScript, JQuery, jQgrid, MySQL, AngularJS, HTML & CSS, Bootstrap, Ajax.

**Wipro Technologies Ltd, India March 2016 – September 2016**

**Designation : Associate Software Engineer**

**Role : DevOps Engineer**

**Project : Mobile Application Operations (MAOps)**

**Account Name : APPLE COMPUTERS INC.**

**Description:**

**Apple Store App (ASA)** Mobile operation details with the App and has various applications to monitor.

**Contribution:**

* Written three Ansible playbooks using Jinja2 template to automate support tasks, which sends email to the group as notification in case of any failure/issue.
* Performed Configuration & PVT deployment, Cash Flushing, Load balancing, Traffic shift Management, CCC & CCB deployments.
* Troubleshooting application related issues and applying the fixes.
* To debug the issues, used Charles to analyze the Log for the fixes.
* Increased productivity and the procedures that eliminated duplication and reduced the time to complete month-end reports.
* Also worked on Marionette Collective, HAProxy, Geldof, Zookeeper, Nagios and Nginx.
* Performed OS upgrade activity for multiple hosts.
* Improved customer satisfaction by providing the front line counter with the skills and knowledge needed to resolve customer enquiries and complaints.
* Got customer appreciation for timely work management.

**Tools & Technologies:**  Ansible – Jinja2, Shell script, Puppet, Quip Document Tool, Charles and StoreDev Tool

**Wipro Technologies Ltd, India December 2014 – March 2016**

**Designation : Student Computer Application**

**Role : Production Support**

**Project : Global Business Intelligence – Operations**

**Account Name : APPLE COMPUTERS INC.**

**Description:**

**Global Business Intelligence (GBI)** deals with the Customer Service Details on Client Products. The Source Data consist of Client Product History on Repair & Replacement and The Data will be transformed based on Business Requirements and loaded into Oracle for Reporting.

**Contribution**:

* Troubleshooting Framework related production issues and applying the fixes.
* Provided 24x7 support to clients for ongoing application Support and on Call support to end users.
* Servicing the requests raised by the project teams for handling framework related activities and deployments.
* Dealing and coordinating with project teams and business users to resolve post deployment issues in case of failures.
* Contributed to handle and maintain UDM application databases.
* Monitored user access to the database, optimizing the performance of Database and application / table migration for UDM Framework.
* Verified backups for all databases and took corrective actions for failed backups.
* Supporting “git” version control system, setting up a Jenkins job and performing a software build with Maven Jenkins for Java applications.
* Performed Query Onboarding like **.tar**, **.war** & **.jar** file deployment, server Maintenance for GSF Framework.
* Implemented a new time-saving process like automating the deployment process and written Ansible playbook to upgrade OS for multiple jboss and tomcat hosts in single shot.
* Resolving the Incidents, problem records within SLA and deploying the changes across environments.
* Coordinating escalation and resolution of major service issues and provided root cause analysis for the production issues.
* Knowledge transition to the new resources in the team.
* Increased the satisfaction of customers.

**Tools & Technologies:** JAVAand usedConfluence Tool to share and update the details, Jenkins, Sonar, Maven, ANT, Artifactory, Git, SVN.

**Wipro Technologies Ltd, India August 2014 – November 2014**

**Designation : Student Computer Application**

**Role : Trainee**

**Description:**

Trained in Shell Scripting, UNIX, Core Java, Data Warehouse, Web application development through JSP servlets, J2EE.