



# Shamala Mallya

## Frontend Developer

Seasoned Senior Developer, team player, manager, as well as an individual contributor, offering expertise in reviewing code and developing improvements to base code. Over the past **12 years**, built multiple successful applications using ReactJs, Angular, ASP.NET, C#, and MSSQL for various domains in the tech industry. Experienced also on end to end application development, right from requirement gathering, design, building frontend to backend services and testing in agile methodology.

## Contact

### Email

shamala.mallya@outlook.com

### Secondary Email

msurabhi23@gmail.com

### Address

Cupertino, CA

## Education

2010

**B.E. (Computer Science)**

VTU, India

## Expertise

- UI/UX
- Javascript
- CSS3
- HTML5
- ReactJs
- NodeJs
- MSSQL
- Tailwind CSS
- Redux
- ExpressJs
- C#
- MongoDB
- Bootstrap
- PostgreSQL

## Language

English

Hindi

Kannada

Konkani

## Experience

### Jun 2019 - Jul 2022

Harnessio | India

#### Senior Developer ||

- One of the first few frontend developers who started at Harness India at less than 40 employees(now >300 employees).
- Experienced on working on UI to develop multiple applications ranging under Continuous Deployment using TDD(Jest being primarily used for unit testing and Cypress for integration testing).
- My day to day activities involved working with PMs, UX and test team to create UI for modules in the application. Apart from this also to regularly code review, improve coverage overall for the UI side of application.

### May 2018 - May 2019

AppDynamics | India

#### SDE |||

- Frontend Engineer for Database Monitoring(DBMon) sub-section of the software.
- Worked as a primary contact for all DBMon related front end changes.
- Day to day activity included, code reviews, enhancement requests, and test cases.

### May 2014 - Sep 2017

Morgan Stanley | India

#### Manager

- Key member in the team and was always involved in requirement gathering, dev, QA and release efforts.
- A subject matter expert who participated in business partner decisions and production releases.
- For AAA banking, built two major applications from scratch.

### Nov 2013 - Apr 2014

Airwatch VMware

#### Senior Developer

- Full stack dev effort towards MDM of windows devices.
- Worked on windows application specifically meant for windows laptops which initiated encryption of entire device remotely.

### Aug 2010 - Oct 2013

Honeywell Inc India

#### Senior Developer

- Joined as a junior dev and promoted to senior dev, having mentored many new joiners
- Built multiple full stack applications with ASP.NET and C# for Honeywell Building Solutions

# Project Experience

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## Harnessio | India

### Senior Developer ||

#### SERVICENOW, JIRA AND HARNESS APPROVAL TICKET CREATION, UPDATE

**React 18/Typescript/Jest/Formik/React-router/ Microfrontend/Webpack/Babel/npm/SASS/ES6**

- Harness also has a new UI now called next generation.
- When an approval step has to be configured it can be any of the ticketing system used.
- For the next gen, I worked on servicenow, jira and harness approval ticketing system UI.
- NextGen UI also introduced micro frontends. Since the inception, harnessio expanded in many different areas of devops - Continuous Integration and Continuous Verification, The UI for each is now being modularised based on feature based.

#### BLACKOUT WINDOW CONFIGURATION

**React >16/Typescript/Jest/Formik/React-router/Mobx/Babel/npm/SASS/ES6**

- Each of the deployment apart from being controlled by user access level was also controlled by a duration window during which a deployment was disabled across all the application/service/workflow configured
- The configuration of each of these windows is defined as a blackout window which disables any user from deploy/rollback/rerun.
- Worked on this module entirely which involved development of all pages for this as well as updating all the occurrences where deployment was possible to use the feature flag and validate if a deployment was allowed

#### ROLLBACK DEPLOYMENT

**React 15.x/Typescript/Jest/Formik/React-router/Mobx/Webpack/Babel/npm/SASS/ES6**

- An application once deployed didn't initially have the feature for rollback where the user could just with a click of the button rollback an entire workflow or the pipeline. To do this back in 2019 , one had to configure a pipeline that mimicked this rollback
- Instead, a feature to initiate a rollback was provided for a subset of services. One could rollback an active deployment/ deployed pipeline.
- The rollback was also allowed via global page that could be accessed via an admin on Service Overview
- Developed the entire feature for rollback on all screens with the backend team .

#### INFRASTRUCTURE DEFINITION

**React 15.x/Typescript/Jest/Formik/React-router/Mobx/Webpack/Babel/npm/SASS/ES6**

- Every application has a Service, Environment, Workflow, Pipeline, Triggers. To deploy a application one has to configure service, environment, workflow(how to deploy a given service- series of steps) and a pipeline(a series of steps comprised of workflow and any approval systems, etc.,)
- Infra Definition involves defining the infrastructure used by each of these services and configuring them to be used by subsequent workflow , followed by using them in the pipeline.
- I built each of these new pages which were actively used to configure the infrastructure which is then applied on to other series of service/pipeline/workflow.

Apart from all these projects, I also actively worked on many other issues/day to day activities which involved bug fixes/minor enhancements throughout the application based on the bandwidth. All the applications that were developed always had a jest test case which had a minimal coverage starting with 60% and then on moved to 80%. TestIM was used for cases which captured other finer details of integration tests.

## AppDynamics | India

### SDE |||

#### DATABASE MONITORING IN APPDYNAMICS.

**Javascript/AngularJS/SASS**

- The application is used for database monitoring for applications
- Mostly involved in development which also includes component testing for testing the UI component written.

## **Morgan Stanley | India**

### **Manager**

DEBIT CARD AND CHECK ORDER APP FOR AN ACCOUNT.

**Javascript/AngularJS/Bootstrap/SASS/Web API/WCF/C#**

- The application was revamped from classic aspx to the latest technology.
- Played a key role in designing models as well as development of UI in AngularJs.
- A 10 year old legacy system was rapidly and efficiently developed in just over 4 months.

SELF AUTHORISATION OF ACH(AUTOMATED CLEARING HOUSE) AND CHECK TRANSACTIONS

**Javascript/Angular 1.4/WCF/C#/SQL Server**

- This was a new application written with AngularJS ,MVC and WCF which communicated to SQL server
- The application models were designed with extensibility in mind.

## **Honeywell Inc India**

### **Senior Developer**

CARDHOLDER MANAGEMENT SYSTEM

**Javascript/Web Forms/SQL server/WCF/C#**

- A 3-tier application was built using MVP design pattern.
- Wrote unit test cases and integration test cases for application alongside dev.

E CYLINDER INTEGRATION WITH EBI (ENTERPRISE BUILDING INTEGRATOR)

**Javascript/SQL server/WCF/C#**

- The e cylinder also commonly known as e Locks are integrated with EBI which can be used similar to card readers which grant access based on the criteria configured in EBI.