

# 17/ 2, Annaya reddy Layout  
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## IRFAN G G

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**Objective:** To seek a position in an organization where I can use my knowledge, work experience and creativity for my best professional and personal development and can help the organization to achieve its short and long term goals.

### Carrier Summary

- 4+ Years' of experience in the complete Software development life cycle involving, requirement gathering, feasibility study, development, Performance, documentation, testing and maintenance
- Efficient in learning and implementing new methodologies in the field of web design and development
- Create Web application front end as per design comps and information architecture
- Follow best practices and standards for accessibility and cross-browser compatibility
- Analyze and improving performance by reading flame charts, dynatrace reports, performance audit and webpagetest tools
- Design and build UIs on any server platform in a team environment

### EMPLOYMENT AND PROJECT DETAILS

Senior System Engineer	TUI ( Sonata Software )	Dec 2018-Till date
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### PROJECTS AND RESPONSIBILITIES

#### ➤ TUI Library and Performance

##### **Roles and Responsibilities:**

- Developing the UI Library for all TUI brands
- Implemented Re-usable React components, which can be used by developers across brands
- Finding and improving performance issues of the sites, using tools like Dynatrace, Webpagetest, lighthouse, Chrome Audit, Treo
- Analyzing chrome audits and performance flame charts and improving the code
- **Role:** Web developer
- **Technology Stack :** React, Redux, JavaScript(ES6), Ajax, JSON

- **Webpage Perf Tool** is a web application tool to compare trends and budgets of the performance of webpages of TUI brands and allows user to set KPI for each performance metrics.

##### **Roles and Responsibilities:**

- Engage in requirement specification process
- Developed a tool from scratch to measure performance of each pages
- Developed script to capture business flow and for time series configured influx dB to store metrics
- Setup of webpagetest private instance and test agents in GCP and AWS to run script and store data on private instance
- Implemented Visualization modules to show trend of page performance, budgets of all TUI brands using React charts and also developed a module to set KPI for each metrics
- **Role:** Web Developer
- **Technology Stack:** React, Redux, Web pack, Nodejs, Influx dB, React Charts, AWS, HTML5, CSS3, JavaScript(ES6), Ajax, JSON

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**PROJECTS AND RESPONSIBILITIES**

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- **PerfTrack** is a Performance test management web application for standardizing and orchestrating the end to end performance testing process. This web tool acts as a repository for project management and resource management.

**Roles and Responsibilities:**

- Implemented UI design for Dashboard by calculating overall highlights of test results and resource utilization.
- Implemented Jenkins Module integration with Performance testing tool and HP Performance center which allows the performance tester to perform RUN, STOP and Download test report on Perftrack interface.
- Redesigned UI for Visualizations by fetching metrics from Database.
- Generating Reports.
- Collect feedback from design and technical staff on Website development needs
- Create conceptual diagrams, visual mock-ups, and manage detailed user interface specifications
- **Role:** Web Developer
- **Technology Stack :** HTML5, CSS3, React, Redux, JavaScript(ES6), Ajax, JSON, XML , FLOTJS, D3JS, Java, Spring, Jenkins, MySQL

- **Performance Analytics** is a web application tool to compare and analyze different execution results generated by Load runner, JMeter or HP performance center.

**Roles and Responsibilities:**

- Engage in requirement specification process
- Implemented Responsive UI Design
- Implemented Visualization modules by configuring ELK setup and fetching, Modifying Data for business need
- Increased performance of DOM operation by replacing SVG graphs with Canvas using FLOTJS library.
- Generating Reports.
- **Role:** Web Developer
- **Technology Stack:** HTML5, CSS3, JavaScript(ES6), Ajax, JSON, XML ,React, Redux, Java, Spring, Kafaka, Logstash, Elastic search, MySQL

- **Performance Testing tool and Auto Prediction tool development/ Web Application**

**Roles and Responsibilities:**

- Engage in requirement specification process
- Design Web UI.
- Design Graphical representation and live graphs.
- Implementing Algorithms to identify top business work flows and showing them with visual effects using flotjs, d3js and familiar JavaScript libraries.
- Support in backend and database implementation.
- Integration.
- Configure web-server and app-server.
- **Role:** Web Developer
- **Technology Stack:** HTML5, CSS3, JavaScript(ES6), Ajax, JSON, XML, Java, Spring, Kafaka, Logstash, Elastic search, MySQL

## Skills

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### Proficient

- Web technology : HTML5, CSS3, Bootstrap, JavaScript, React, Redux, AJAX, SVG, JSON
- Server side : Nodejs, Core Java,
- Database: MySQL
- Tools and IDE : VS Code, Eclipse, MySQL Workbench, Sublime, Jira, Postman, Fiddler, Dynatrace, Webpagetest, Lighthouse, Treo

### Familiar

- Technology : Rxjs, Jsp, XML, Kafka, Log stash, Kibana, File beat, Elastic search, Jenkins
- Server and Environments: Apache Tomcat, Linux, Windows, GCP, AWS
- Version Control : Git, svn

## AWARDS, CERTIFICATION AND TRAINING

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- ✓ Play to Win – DNA award by Sonata – “ [https://www.linkedin.com/posts/irfangg\\_sonata-activity-6631790869139808256-42ch](https://www.linkedin.com/posts/irfangg_sonata-activity-6631790869139808256-42ch) ”
- ✓ React JS and Redux - Mastering Web Apps : “ <https://www.udemy.com/certificate/UC-7ZYIMF1X/> ” in the Year - 2018
- ✓ HTML5, CSS3, JavaScript, JAVA/J2EE, MySQL From IGATE GLOBAL Solutions in the Year 2015
- ✓ Core JAVA From JSpider's in the Year 2015

## EDUCATION

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### Davanagere

### Visvesvaraya Technological University

Sep 2011 – Jul 2015

- B.E. in Information Science and Engineering with 65% marks from Bapuji Institute of Engineering and Technology, Davanagere Jul 2015.
- Completed Higher Secondary Education from Govt. PU College Thirthahalli with 67% marks in 2011.
- Completed Secondary Education from Govt. Junior College Malur with 80% marks in 2009.

## WORK SAMPLES

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**Project: LBPM** (2015). Location based application and profile management with CAPTCHA security using GPS. Android, Java, xml