

# SADIA WAHID

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## Full Stack Software Developer

### OBJECTIVE

Being a passionate Engineer, would love to provide the best of my skills while learning as much as I can and contributing the best solutions towards an organization's growth.

### AREA OF EXPERTISE

HTML5

CSS3, Bootstrap, W3CSS

JavaScript, jQuery, Bootstrap Tables

Angular, Electron

Highcharts, Charts JS

Design and UX

Java

Spring, Spring Boot

SQL, Solr, Hibernate

Rasa, Anaconda

Docker, Jenkins

### EXPERIENCE (8 years)

#### BRITISH TELECOMMUNICATIONS (BT)

Bangalore, India

Senior Software Engineer

Feb 2017 - present

Designed and developed all the below projects using **Human Centric Design**:

#### MOBIUS Continuous Testing Dashboard

- Currently working on developing a Grafana based dashboard for continuous testing using React

#### SIA

- Developed an AI based chatbot called SIA using **Rasa** and **Anaconda** tools.
- Developed UI for the chatbot named SIA using **Electron** and **Angular** for UI.
- Configured **Docker** files to create containers.

#### Knowlocker

- Designed UI for and developed a knowledge repository portal using the technologies - **HTML5, CSS3, Bootstrap, jQuery, JavaScript** in frontend and **Java, Spring Boot** in the backend.

#### Community of Practice

- Designed and developed a web application for DevOps Community using **Angular** for front end and **Spring Boot** in the backend.

#### Release Deployment Dashboard

- Designed and developed a responsive web application for Release Deployment tracking and evolved it continuously based on UX feedbacks. Tech used **HTML5, CSS3, Bootstrap, jQuery, JavaScript, Bootstrap Tables, Charts JS, Highcharts** for frontend and backend technologies used are **Java, Spring, Hibernate** and **SQL** database.

#### Cognitive

- Designed and developed a test planning and execution web app using **HTML5, CSS3, Bootstrap, jQuery, JavaScript, Highcharts, Bootstrap Tables** and **W3CSS**. Backend technologies used are **Java, Spring Boot** and **Solr** database.
- Integrated Lighthouse for analyzing **UX metrics** for all components.

#### Octonary

- Designed and developed data visualization tool using **HTML5, CSS3, Bootstrap, jQuery, JavaScript, Highcharts** and **Google Lighthouse**.

#### Jabiru

- Designed and developed a partner management tool using **HTML5, CSS3, Bootstrap, jQuery, JavaScript, Bootstrap Tables** for UI and **Java, Spring Boot** with **Oracle SQL** developer for the backend.

#### TAAS – Testing as a Service

- Designed and developed a responsive web application TAAS – tools management tool using **HTML5, CSS3, Bootstrap, jQuery** and **JavaScript** for frontend and backend technologies used are **Java, Spring, Hibernate** and **SQL** database.

#### Other:

- Researched on a web-based augmented reality framework- **Aframe** and developed an augmented reality app A-view for the BT internal -Challenge Cup event in 3 weeks' time.
- Lead a small team of freshers for UI and UX development and provided the design and supported the development of the same.
- Designed UI and UX for a Gamification tool for engineers.

- Designed and created logos for various testing applications using Adobe Photoshop and Paint.net.
- Recognized outside team for my design aesthetics and received appreciation for the same.
- Self-learned and passed the AWS Developer certificate exam with 87%.

## LE ECOSYSTEMS Software Engineer Oct 2016 – Jan 2017

Bangalore, India

TopNews app is an android application which provides different news content to the users.

- Automated builds and tests run on TopNews using Jenkins's build automation system.
- Integrated static analysis tools into Jenkins for automation.
- Written smoke and sanity tests using UIAutomator and Android Espresso.

## SAMSUNG RESEARCH INSTITUTE Bangalore, India Senior Software Engineer Jul 2014 - Oct 2016

SHealth – Samsung's android health application

- Developed Java application for data collection from Perforce for tracking commits data in the Continuous Integration System.
- Developed Java application for extracting PLM issues data on SHealth using a web crawling framework.
- Designed and developed a web portal using PHP, **HTML**, **CSS**, **Bootstrap**, **JavaScript** and **MySQL** (basics) for Continuous Integration System on this Project.
- Implemented dynamic graphs and chart statistics for the above-mentioned dashboard using **Highcharts** framework with various features.
- Developed and maintained efficient test cases using Android Espresso and UIAutomator test framework.
- Performed manual and tool-based code/resource optimization on SHealth.

Other:

- Developed web application 'Explore India', static information application for Tizen OS

platform and published on Tizen App Store.

- Developed web application 'Bucket List', implementing a dynamic notepad, for Tizen OS platform and published on Tizen App Store.
- Was awarded Employee of the Month in May 2016.

## EDUCATION

### MS RAMAIAH INSTITUTE OF TECHNOLOGY

Bangalore, India

B.E-Computer Science and Engineering (2014)

**9.01 CGPA**

### MOUNT CARMEL PU COLLEGE

Bangalore, India

2<sup>nd</sup> PUC (2010) - **87.16%** (PCM- 93%)

### CAMBRIDGE SCHOOL (ICSE)

Bangalore, India

10<sup>th</sup> (2008) - **87.14%**

## PROFESSIONAL ACHEIVEMENTS

- The applications that I worked on - SIA was nominated in AI and Machine learning Awards for Most innovative AI solution and Outstanding AI/ML Industry Project award, TAAS won India Testing Award with test partners – 2017, Octonary won emerging technology of the year 2020.
- Achieved top rating consecutively in my past 5 years for the contribution of work in my domain.
- Received constant appreciation as e-cards for using my skills when help needed across different teams.
- Received recognition for volunteering and organizing events as a part of Fun Team.

## VOLUNTEERING

### Liquid Metal

- Designed and created logo, posters, banners, T-shirt and other merchandise for Liquid Metal (BT's Smart Office application).

### Technology Employee Engagement

- Designed and created posters and mailers for various BT events like annual day, environment day, women's day, BT partnership Talent hunt.
- Volunteered for BT's Annual Day event and Women's Day week events at organization level.
- Helped in designing and volunteered for Reignite – a BT program for getting women back to work after break.

### Team Events

- Designed and created posters and mailers for various team events for various occasions.
- Organized fund raisers, fun activities for team events and celebrations as a part of team Fun Team.

### ADDITIONAL INFORMATION

- Worked on heart-rate measurement application using Arduino supported heart-rate sensor and Android as an academic project.
- Developed a website for online food delivery system for an academic project.
- Was a member of Association of Computer Engineers for organizing and managing technical as well as cultural activities at college.
- Attended a Blockchain bootcamp from The Blockchain school.
- Good communication skills, fast learner and a great team player.
- Adaptable to different working atmospheres and punctual on work deadlines.
- Externally loves designing for events and any creative tasks