

Hello

I'm Jayaraj K.

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Professional summary

Having 9+ years of experience in Software development life cycle in developing and designing user experiences of web applications using HTML5, CSS3, JavaScript, Angular, Angular Material, React, Redux, NGRX, Gulp, NPM, SCSS, jQuery, Mobile application development using Phonegap, React Native, Dart, Flutter, Desktop application development using Node.js, Electron.

Real time experience in the adoption of micro-front end methodology.

Excellent communication skills with capability to handle new technologies.

Strong knowledge in version controlling using GIT.

Go-to person in DBS CBG and IBGT for UI related queries.

JavaScript enthusiast, and currently exploring Flutter, Dart and Python.

Creator of Aadupuli ([Google play](#), [Web](#)), [Petty Shop](#).

Contributor in [fukyoo](#).

Skills

Languages	JavaScript, Typescript, Python, Dart, PHP
Frameworks & Libraries	Angular 8, AngularJS, Node.js, Express.js, Flutter, Electron, React, Redux, NgRx, RxJS.
Databases	MongoDB, MySQL
Tools	Git, Visual Studio Code

Experience

May 2019 - PRESENT

DBS Bank, Singapore - *Senior Associate (UI Tech Lead)*

Technical Lead for a team of UI developers. Responsible to deploy and handle the horizontal layer UI team to develop the micro-front end components across multiple platforms.

Projects:

1. Widget Framework development.

Widget framework is a methodology based on micro-front end, that can ensure the end-to-end reusability of product based Angular components across the DBS IBG platforms.

- Driving the team of UI developers for developing the widgets based on Angular 8.
- Segregating the widgets based on the platform and collaborating with the product leads to ensure the re-usability of widgets across multiple products.
- Handling the complexities and leading the efficient design of a single widget that can consume different sources and be the single source of truth to the end user.
- Established appropriate review procedures to ensure consistent and high quality deliverables.
- Planning and deploying the team of developers across multiple platforms.
- Effectively marshalled the team of developers who were new to widget ideology.
- Embraced mono-repo and ensured proper semantic versioning for widgets based on lerna.

Technologies: HTML5, CSS3, Typescript, Angular 8, SCSS, Node.js, Webpack, Angular CLI, Karma, Lerna, Jasmine, Visual Studio code.

2. Signature Pad

Creator of the Signature pad product, an in-house solution for paperless banking in DBS Branches.

- Removed a major roadblock to the project using a desktop app-based solution.
- Dynamic PDF generation based on the WYSIWYG editor content.
- Screen mirroring using JavaScript shared workers.
- Signature capturing and embedding in the PDF.

Technologies: Node.js, Electron, C++, HTML5, CSS3, JavaScript.

August 2015 - April 2019

Helius Technologies, Singapore – *Senior Software Engineer*

Worked as a UI Framework Engineer in DBS IServe team. Developing and refactoring existing products to the latest UI Technologies.

Client - DBS

Projects:

1. IServe - 3.0

IServe - 3.0 is a web based application used by customer service center officers. It is a migration project from AngularJS to Angular 5.

- Worked in the framework team to create the base framework and customize on top of Angular 5.
- Implemented Dynamic Routing and Sticky Routing on top of Angular 5 Routing.
- Enhanced Angular 5 with Parallel Route Resolver which is not at all available in Angular.
- Creating the Reusable UI Components for requirements.
- Providing the guidelines for Angular 5 Development.
- Implementation of End to End Instrumentation and Error Handling.
- UI Component development based on the Google Material Design.
- Ensure the Front End Performance by providing the coding Guidelines.
- Implementation of Multi Customer Handling.
- Real Time Push Notification based on socket.io, Node Js and Express Js.
- Developed the Form Designer and Form Builder Component.
- Implementation FlexBox Layout.

Technologies: HTML5, CSS3, Typescript, Angular 5, Angular Material, SCSS, Node.js, Webpack, Angular CLI, Karma, Jasmine, Eclipse, Atom, NativeScript.

2. IServe - 2.0

IServe - 2.0 is a web based application used by customer service center officers.

- Worked in the framework team to enhance the application and create the UI components using AngularJS.
- Created the End to End Instrumentation.
- Responsible for creating and customizing the UI Components based on the AngularJS and Google Material Design.
- Written Automation tasks using Gulp and Node.js.
- Played a role to provide the Performance Enhanced Data table component, Autocomplete Component .
- Provide the Coding Standard to developers in order to avoid Memory Leaks.
- Enhance the Overall Performance of the application by play around the Angular Watchers.
- Implementation of TDD Methodologies in Angular Framework.
- Provided Responsible Web Design Using CSS3 FlexBox and HTML5.
- Implementation of Error Handler in Client Side.

- Development of Branch Users Application for Branch User to Customer Communication using React JS and Redux.
- Hybrid Application Development Using PhoneGap.
- Live Notification using Node.js and Socket.io

Technologies: HTML5, CSS3, JavaScript, AngularJS, AngularJS Material, ReactJS, Redux, SCSS, Node.js, Gulp, Karma, Mocha, Eclipse, Atom, Phonegap

August 2014 - August 2015

Cognizant Technology Solutions, Chennai, India - Programmer Analyst

Primarily involved in developing a responsive user interface using HTML5, CSS3, JavaScript and jQuery.

Projects:

Client - DBS

- Involved in developing UI components, Google and Baidu maps integration for DBS public websites.

Client - Aetna

Created a mobile and web supported WYSIWYG editor. So the business can customize the web page and content. It is a efficient API which provides smooth, clean design, flexible and extensible.

Technologies: HTML, CSS, JavaScript, jQuery.

August 2011 - July 2014

Drona systems, Chennai, India - Web developer

Being a web developer, responsible to develop the end to end web application.

Projects:

1. **Skoolpad** - Skoolpad is a social learning platform which connects teachers, parents and students and provides a complete School Environment.
2. **Ensnaps** - Ensnaps is a place where one can get a website, cloud hosting, CMS, CRM, File Management, Ticket Management, eCommerce, Messaging, Event, Expense Management, Survey, Forum, Tracking employees work Items, Tracking Marketing Agents with GPS.

Technologies: HTML, CSS, JavaScript, PHP, MySQL, Codeigniter.

Education

September 2007 - May 2011

Shri Angalamman College of Engineering and Technology, Tiruchirapalli - *Bachelors of Engineering.*