

Hello I'm Jayaraj K.

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Professional Summary

A skilled and experienced web developer with a strong background in building web applications, JavaScript development, UI framework engineering, and technical leadership.

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

Strong knowledge in version controlling using GIT.

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

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

Contributor in [fukyoo](#).

Skills

Languages	JavaScript, Typescript, Python, Dart, PHP
Web Technologies	HTML, CSS
Frameworks & Libraries	Angular, Node.js, Express.js, Flutter, Electron, React, Redux, NgRx, RxJS, Redux Toolkit, Redux Saga, Redux Observable, Redux Thunk, React Native
Containerization	Docker, Kubernetes, Helm
Databases	MongoDB, MySQL
Tools	Git, Lerna, Gulp, Visual Studio Code

Experience

Oct 2022 - Present

Bank Julius Baer - UI Tech Lead

- Led and collaborated with the UI team to maintain technical standards across projects.
- Managed UI platform projects used by Relationship Managers and clients.

- Contributor in Innovation Project “Sophie” an AI-powered project designed for the banking and financial sector.
- Converted a trading app into a micro front-end architecture using Module Federation for integration into global platforms.
- Ensured UI development adhered to application standards for global rollouts.
- Utilized build tools like NX for mono repo development and adopted Gitlab for CI/CD.
- Promoted Shift Left and DevOps mindset within the team.
- Containerized frontend applications using Kubernetes and Docker.

Technologies: React, Redux, MUI, NX, Gitlab, Kubernetes, Helm, Docker, Functional Programming, React Hooks, Jest

Jun 2021 - Oct 2022

Helius Technologies - Front-End Developer

Client - Bank Julius Baer

- Created a mobile-friendly web application, "JB Investor's Club," to personalize and connect clients with the banking platform.
- Developed the "FLOD" app for Relationship Managers, serving as a Front Risk Management Framework.

Technologies: React, React Context, Formik, MUI React, Redux, Redux Toolkit, Functional Programming, React Hooks, Redux-Saga, Thunk

May 2019 - Jun 2021

DBS Bank, Singapore - Senior Associate (Framework Engineer)

- Designed a component library for the "I.Serve (Customer Care Center)" system.
- Developed custom routing libraries for Angular, supporting features like sticky routing, dynamic routing, and parallel routing.
- Built a base application framework on Angular 8, emphasizing end-to-end instrumentation.
- Designed Paperless banking solution "Signature pad," a desktop application based on Electron.js for facilitating web application connectivity with branch users.
- Screen mirror for branch user services using Shared workers
- Implemented a notification service based on Node.js and Socket.io.
- Widget Framework for end-to-end module reusability using publishable npm modules (Micro Front end), Microservices, and Kong Gateway
- Embraced mono-repo and proper semantic versioning for widgets based on Lerna
- Containerized web applications using Docker.
- Enforcing the review procedures in Frontend development for high-quality deliverables

Technologies: Typescript, Angular, Lerna, Gulp, Karma, Mocha, Electron Js, Docker, Reactive Programming

August 2015 - April 2019

Helius Technologies, Singapore - Senior Software Engineer

Client - DBS

- Migrated the Java-based "Customer Care Center" application to a single-page application (SPA) using Angular.
- Converted the web application into a mobile app using PhoneGap for enhanced mobile accessibility.

Technologies: Typescript, Angular, Lerna, Gulp, Karma, Mocha, Electron Js, Docker, Reactive Programming, PhoneGap

August 2014 - August 2015

Cognizant Technology Solutions, Chennai, India - Programmer Analyst

Created and maintained a JavaScript library for Baidu Maps, Google Maps, and a WYSIWYG editor, utilized in the insurance platform "Aetna."

Technologies: JavaScript, HTML, CSS.

August 2011 - July 2014

Drona Systems, Chennai, India - Web developer

- Developed "EnSnaps," a comprehensive web application for ticketing, hosting, eCommerce, expense management, and event management.
- Designed and developed "Skoolpad," a social learning platform connecting teachers, students, and parents.

Technologies: PHP, MySQL, CodeIgniter.

Education

September 2007 - May 2011

Shri Angalamman College of Engineering and Technology, Tiruchirapalli - Bachelor of Engineering.