SIMI SWAMINATHAN
S O F T W A R E   D E V E L O P E R

https://simi-swaminathan.web.app

I am a Software Developer with over 6 years of professional work experience. I love to build websites and apps based on React, NodeJS and Typescript.

S K I L L S

- Javascript / Typescript
- React JS
- GraphQL
- HTML & CSS/SCSS/Styled components
- NodeJS
- ExpressJS
- Responsive Web Apps , PWA
- Unit Testing - Jest, Vitest
- Build tools - Storybook, Vite
- Playwright
- Azure, Kuberentes
- Keycloak
- Mendix

C E R T I F I C A T I O N

MENDIX RAPID DEVELOPER CERTIFICATION (NO: 13594)
JUNE 6 2018

E D U C A T I O N

BACHELORS IN ELECTRONICS AND COMMUNICATION ENGINEERING
UNIVERSITY OF CALICUT | 2011-2015

C O N N E C T   A T

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- github.com/SimiS22

T I M E L I N E

Software Developer
LG-LHT Aircraft Solutions GmbH | February 2021 - Today

January 2024 - Today

- Worked on 4 different frontend applications in AERENA platform using React - Ops Portal, Data Analytics, User Manager and Crew Terminal UI.
- Worked closely with Architects for different topics.
- Gained basic knowledge of Keycloak and ArgoCD.

December 2022 - December 2023

- Parental leave

February 2021 - November 2022

- Developed the frontend application for the Digital Signage Ground using React with Typescript, GraphQL, Storybook for UI testing, Jest and Vitest for unit testing and Playwright for end-to-end testing.
- Used various storybook add-ons to test the accessibility and components in all compatible browsers.
- Did frontend optimizations by migrating from CRA to Vite (reduce local development time by 75%), and by using Brotli compression and WebP image formats (reduce bundle size by 84%).
- Worked closely with Product Owners in converting business requirements into tasks.

Web developer
Kerala Samajam Hamburg | March 2020 - June 2020

- Built the official website of Kerala Samajam Hamburg, a non profit organisation. https://keralasamajam-hamburg.com
- Built the frontend with ReactJS and dynamic content from Contentful. Tracking in Google Analytics.
- The backend is in NodeJs(Express JS) deployed as Firebase Functions.

Carrier break - Move to Germany
June 2019 - December 2020

- Learned German language (completed B1).
- Skilling up in frontend and backend web technologies.
- Learned technologies like Typescript, React, NodeJs etc and created several pet applications.

Application Developer
IBM India | April 2016 - April 2019

- Responsible for working on incidents, problems and change including high priority issues and server activities in an Agile Team.
- Gained significant experience working on Mendix App platform.
- Progressive experience in the area of Development and Unit Testing.