Bharathwaj Ravi

Frontend developer with experience in building and maintaining complex web applications, an avid coder with a passion and willingness to learn new frameworks and technologies.

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Portfolio | **GitHub** | **linkedin**

EXPERIENCE

QDAcity, Erlangen, Germany - *Master thesis student* (12/2021 - 06/2022)

- Architected and developed Role-Based Access Control (RBAC) in QDAcity using Java, Google App Engine and React JS.
- Implemented member management module using RBAC in both the frontend and backend
- Implemented access control module in frontend and backend to allow or deny user requests on a resource based on the user's role permission
- Handled unit tests for the backend APIs.

Siemens Healthineers, Erlangen, Germany - *Werkstudent* (10/2020 - 02/2022)

- Developed a tool to download installation files of medical equipment-related software using React JS.
- Worked with azure technologies for storage and retrieval of files.
- Used CDN to cache the files for a faster download experience.

Zoho Corporation, Chennai, India - *Member of Technical Staff* (11/2016 - 06/2019)

- Worked as a frontend developer in Zoho WorkDrive a cloud-based document management service application using Ember JS.
- Served as a single point of contact for the Backend, design and product management teams.
- Implemented some important functionalities like upload and download of files and folders.
- Contributed towards reducing the asset size.
- Handled network requests and assisted in offline first development using service workers.

PROJECTS

QDAcity, Erlangen — *Master project* (04/2021 - 07/2021)

- Developed features like To-Do, User groups and user notification in the frontend using React.
- Improved pipeline performance by parallelizing independent jobs.

Digitact, Course on Agile Methods in Open Sorce, FAU (04/2020 - 07/2020)

- Developed a student job application mobile app in a team in an agile way with a weekly sprint.
- Designed and implemented features like education and work experience pages of the app using ionic.

EDUCATION

Friedrich Alexander University Erlangen-Nuremberg, Bavaria, Germany

M.Sc in Computational Engineering

October 2019 - Present

Grade - 1.7/ 5

SASTRA DEEMED TO BE UNIVERSITY, Thanjavur, India

B.Tech in Mechanical Engineering

July 2012 - May 2016

Grade - 8.81/10

CORE SKILLS

Programming - HTML, CSS, Javascript, Typescript

Frameworks / Library - React JS, Ember JS

Bundler - Webpack

Task runner - gulp

Unit test - Jest

Tools - Git, VS Code, Postman

AWARDS

Dean's top 10% merit list award for consecutive three academic years (2014 - 2016).

HOBBIES

Singing, Listening to music

LANGUAGES

English - Professional working proficiency

Tamil - Mother tongue