KARTHIKEYAN Y

SOFTWARE ENGINEER

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PROFESSIONAL EXPERIENCE

July 2020 - Present

Software Engineer, *Zoho Corporation*
- Designed and developed **Print View** feature from scratch using **ReactJS**.
- Accelerated the load time of Print preview in Zoho Tables web application and enhanced its performance by rendering only the pages visible to the user, thus minimizing the load time to less than **100ms** for around **20000** pages.
- Revamped **Kanban View** by eliminating highly coupled code.
- Improved the usability of the product by over **30%** by building **Key context tree**, thereby displaying to the users with the possible key shortcuts for the active context.

June 2019 - January 2020

Software Engineer Intern, *Zoho Corporation*
- Developed a tool to analyse dependencies in the Javascript modules using **NodeJS**, thus reducing the debugging time upto **15%** in development .
- Achieved **87%** usability rating by building and integrating contextual menus in the product, which helps in effortless user interaction to perform actions.

SKILLS

Languages	JavaScript (ES6), TypeScript, Python3, HTML5, CSS3, C, Java
Frameworks	React.js, Express.js, Node.js, REST
Databases	MySQL
Others	Data Structures, Design Analysis of Algorithms, Problem Solving, Object Oriented Programming, Design Patterns, Version Control - Git.

PROJECTS

Title	**Communicate** [Demo] [Github repo]
Description	A Full Stack Web Application that supports chat rooms and private messaging.
Tech Stack	HTML, CSS, React.js, Node.js, Express.js, Socket.io

Title	**Notebook (**Ongoing**)**
Description	Web App that allows users to make different kinds of notes, including text, lists, images and audio.
Tech Stack	HTML, CSS3, React, Redux, Node, MongoDB, REST

TECHNICAL CERTIFICATIONS

Coursera	Full Stack Web Development with React specialization. [License Number: 9BLYGJDCPDB8]
Udemy	Python3. [License Number: UC-H4NCXOJJ]

EDUCATION

Aug 2016 - May 2020

B.Tech in Information Technology
Kumaraguru College of Technology, Coimbatore, India
Cumulative Grade Point Average - 8.13/10