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KARTHIKEYAN Y

SOFTWARE ENGINEER

PROFESSIONAL EXPERIENCE

Flipkart **UI Engineer** (March 2021 - Present)
- Took complete **ownership** of the Flipkart delivery app with userbase of **>1 lakh**.
- Migrated the entire pre-production setup from VM to **K8s**, which increased service reliability and improved developer experience.
- Onboarded merchant app to the monorepo, built it from scratch to **production ready** which is currently used to track **1000's** of shipments daily.

Zoho Corporation **Software Engineer Intern** (June 2019 - August 2019)
Software Engineer (July 2020 - March 2021)
- Designed and developed **Print View** for the web app from scratch using **ReactJS**.
- Implemented **Tile loading** and improved the performance of Print preview by **>80%**.
- Improved the usability of the app by building a **key context tree**, thereby displaying to the users with the possible key shortcuts for the active context.

RECENT 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 App that allows users to take notes, including text, lists, images, and audio. Similar to Google Keep with extended functionalities like drag and drop.
Tech Stack HTML, CSS, React, Redux, Node, MongoDB, REST

SKILLS

Languages Javascript, Typescript, Python3, HTML5, CSS3, C
Frameworks React.js, React Native, Redux, Express.js, Node.js, Jest, Cypress, Testing Library
Databases MySQL
Others Kubernetes, gRPC, Data Structures, Design Analysis of Algorithms, Problem Solving, Object Oriented Programming, Design Patterns, Version Control - Git.

TECHNICAL CERTIFICATIONS

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

EDUCATION

Aug 2016 - B.Tech in Information Technology (*Kumaraguru College of Technology, Coimbatore, India*)
May 2020 Cumulative Grade Point Average - 8.1/10