

# B Melvin Felix

Front End Developer - React

Email : mfelix366@gmail.com

Mobile : +91 86682 24369

## SKILLS

---

**Languages:** TypeScript , JavaScript , HTML5 , CSS3

**Technologies:** React , Redux Toolkit , Zustand , Xstate , React Query , SASS , tailwindcss

**Dev Tools:** Git , Cypress , Jest , ESLint/Prettier , React Testing Library , React Developer Tools

## PROFESSIONAL SUMMARY

---

- 1: 3+ years of extensive experience in analysis, design and development of apps using Typescript, React/Redux, HTML/CSS and several state management libraries
- 2: Worked in a team with daily builds, bi-weekly deployment schedule used by millions of users across contiguous US and TDD in React using React Testing Library and Cypress. Experience with rapid prototyping building MVPs
- 3: Capable of working independently on Tasks and collaboratively with the team.

## EXPERIENCE

---

3 YEARS 10 MONTHS

### Cognizant Technology Solutions

Pune, India

*Front End Developer React · Manufacturing And Logistics*

*July 2018 - Present*

- o **Advanced Processing Mail:** Developed an Advanced Processing System for Processing Exception Mail. The system was designed using React/Redux in the Frontend deployed to Azure Functions. The system was developed to handle exception Mail with a very low response time.
- o **Processing New Mail:** Developed Mail Processing System for New Mail Pieces. The system was designed to handle upto 5 millions pieces everyday and deployed across 24 locations in the mainland US. My Objective was to develop the Frontend in React/Redux and handle User Authentication and Authorization using Microsoft Authentication Library along with API integration. The Application was designed to interact with a Thin Client desktop application for Printing and Scanning Mail.
- o **Package Voiding System:** Developed a Mail Package Voiding Application for a Major US Postal Service Provider. The Main Objective of the system was to void(delete, remove, clean and purge) defective or incorrect Mail Packages. The Frontend was build in React/Xstate and hosted on site location while the back end webapis (Express) and the db was hosted in Azure SQL Server.
- o **Archival and Purging System:** Developed an Archival and Purging System for Archiving and Purging Data between Databases hosted in Azure and client locations. The system was developed to processes millions of data each day with maintaining consistency between databases.
- o **Equipment Management System:** Developed an Equipment Management System for a Major US based Energy Provider. The components including the Front End in React/Xstate using web Apis deployed in Azure Functions. The website's hosted in Azure. My role was to develop the UI and integrate the apis, with traffic upto 2 million queries per hour.

### Cognizant Technology Solutions

Pune, India

*Software Engineering Intern · Finance and Accounting*

*March 2018 - June 2018*

- o **Cashback Calculator Front End:** Created a Demo Web Application for Cashback Calculator with Authentication, Authorization, Role Based Access and integrated with the back-end and database.
- o **Cashback Calculator Back End and Database Design:** Designed a Database Model for Cashback Calculator Demo Application. Developed a back-end for handling the Business Logic.

## PROJECTS

---

**Full Stack Developer Certification:** Participated in HackFSE'19 and completed FSD 1 Certification at Cognizant.

**Vision based Navigation System:** Developed a Computer Vision based Navigation system using an RC controlled Vehicle, Camera, Infrared and UltraSonic Sensors. The bot was able to navigate with obstacle detection and course correction.

## EDUCATION

---

**Lovely Professional University, Phagwara**

Phagwara, India

*Bachelor of Electronics and Communication Engineering; CGPA 9.3/10*

*August 2014 - June 2018*