

B Melvin Felix

Front End Developer - React

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SKILLS

Languages: TypeScript , JavaScript , HTML5 , CSS3 , Python

Technologies: ReactJS , Redux/Xstate , Sass , NodeJs (Express) , Docker , RxJs

Dev Tools: Git , Cypress , React Testing Library (Jest) , AWS Lambda

PROFESSIONAL SUMMARY

- 1: 3.5 years of extensive experience in analysis, design and development of apps using Typescript, React/Redux, HTML/CSS and NodeJs(Express)
- 2: Worked in a team with daily builds, bi-weekly deployment schedule used by millions of customers across contiguous US and TDD in React using React Testing Library (Jest). Experience with rapid prototyping building MVPs
- 3: Capable of working independently on Tasks and collaboratively with the team.

EXPERIENCE

3.5 YEARS

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 AWS Lambda. 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 AWS IAM 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 AWS.
- o **Archival and Purging System:** Developed an Archival and Purging System for Archiving and Purging Data between Databases hosted in AWS 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 AWS Lambda. The website's hosted in AWS. 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