AKHIL JAMES JOSEPH

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SUMMARY

A result-oriented IT graduate with four months of co-op experience in Web development, aspiring to work in the Software development industry. A fast learner having expertise in building single page applications using React library and have a good understanding of functional programming.

- Experienced in developing web pages using HTML5, CSS3, JavaScript, React JS, Redux and Bootstrap.
- Experienced in creating NodeJS backend servers and Node API's.
- Experienced in working with ES6 features.
- Experience in all phases of SDLC which involves requirement analysis, implementation, maintenance, and extensive experience with AGILE and SCRUM.
- Experienced in working with Redux architecture, leveraging redux-saga middleware for handling async tasks.
- Experienced in using React JS components, React Hooks, HOC's, State, Context, Router, and Redux.
- Experienced in RESTful web services to integrate between applications.
- Experienced in Version Control tools like GIT.
- Ability to work effectively while working as a team member as well as individually.
- Excellent communication and Interpersonal Skills, well organized, goal oriented.

SKILLS AND COMPETENCIES

- **Web Technologies**: JavaScript, ES6, React, Redux, Redux-Saga, Express JS, NodeJS, HTML5, CSS3, SQL, Java, PHP, WordPress, React Hooks, React-Routers, Context API
- **Databases:** MySQL, MongoDB (NoSQL) SQL,
- **Frameworks:** ReactJS, Bootstrap, Redux, RESTful API, NodeJS, ExpressJS
- **Cloud services:** Knowledge in AWS, Firebase
- **Version Control**: GIT, GitHub
- **Mobile Technologies:** Android, iOS
- **Tools Used:** Eclipse, Android Studio, XCode, Visual Studio Code
- **Other Skills:** Microsoft Suite, UML - Unified Modelling Language

WORK EXPERIENCE

WEB DEVELOPER (CO-OP)
TCG, Brampton, Canada   **Sep 2019 – Dec 2019**

- Design, develop and test HTML5, CSS3, Bootstrap, JavaScript and React.JS that meets accessibility and web browser standards for website.
- Worked in using React JS components, Forms, Events, Keys, Router.
- Worked on responsive design and developed a single isomorphic responsive website that could be served to desktop, Tablets and mobile users using React.js.
- Experienced in working with Redux architecture, leveraging redux-saga middleware for handling async tasks.
- Used redux-saga middleware to perform Restful API calls and asynchronous tasks.
- Managed application state within the app using Redux and persisted certain parts of the state
- Created and used Reducers that received Actions to modify the store state tree.
- Experience in working with redux-forms and maintaining form state in the store and re-initialize the form fields
- Extensively used Git for version controlling and regularly pushed the code to GitHub.
- Designed React components and higher-order components.
- Created websites using WordPress and specialized in plugins for SEO.
- Worked on headless WordPress websites with WordPress acting as CMS and React for UI rendering.
- Developed API endpoints at the WordPress backend to retrieve the data and render the info on the react front end.
- Worked on creating NodeJS backend servers and Node API's.
- Experienced in working with ES6 features.
- Experience in all phases of SDLC which involves requirement analysis, implementation, maintenance, and extensive experience with AGILE and SCRUM.
- Experienced in using React JS components, React Hooks, HOC's, State, Context, Router, and Redux.

- Knowledge of utilizing cloud technologies, including Amazon Web Services- AWS. (S3, Cognito, Code Pipeline-CI/CD)
- Experience in RESTful web services to integrate between applications.

TECHNICAL SUPPORT REPRESENTATIVE
Transcom Worldwide (North America) Inc.   **Nov 2020 – Present**
- Answer user inquiries regarding software or hardware operation to resolve problems.
- Maintain records of daily data communication transactions, problems and remedial actions taken, or installation activities.
- Read technical manuals, confer with users, or conduct diagnostics to investigate and resolve problems or to provide technical assistance and support.
- Refer major hardware or software problems or defective products to vendors or technicians for service.
- Support a specific line of technical products like iOS, iPad, and Windows OS using the defined problem-solving methodology.
- Diagnosing and troubleshooting network connectivity issues using wireless diagnostics and troubleshooting articles.
- Performing remote troubleshooting through diagnostic tools, screen sharing and pertinent.

PERSONAL PROJECTS

Spotify Player (React Web App)
https://spotifyclone-7944a.web.app/
- Designed and developed web application to play Music for **Spotify Premium Users** using **React** library.
- Deployed the application using **Firebase.**
- Integrated **Spotify API (REST API)** to achieve user authentication and also get user specific data such as playlists and songs.
- Managed application state and prevented prop drilling within the app using Context API.

Shopping Website (MERN Application)
https://akj-shopping.herokuapp.com/
- Designed and developed an online shopping platform using the **MERN** stack.
- Integrated **Google OAuth2** user authentication with the help of the **Passport** library and also implemented the use of cookies to persist user sessions.
- Created **Node** Server along with API's for the application with the help of the **Express** library.
- Utilized **MongoDB** as the database for the application and integrated **GridFS** to store images.
- Developed front end react application using libraries such as **Reactstrap**, **Redux-Saga, React-Redux,** and also utilized hooks.
- Optimized asynchronous network calls by using **axios**.
- Deployed the application using **Heroku** and integrated it with the **GitHub** repository so as to achieve continuous deployment.

Movie Application: Android, Java, Retrofit, Pure Dependency Injection
https://github.com/AkhilJ4007/MovieApp
- Developed an application which shows popular movies and tv series using **MVVM** architecture
- Integrated Android Architectural Components like **Live Data** and **View Model**
- Created handset specific user interface (UI) for mobile phones using material design
- Integrated **pure dependency Injection** and in the process of upgrading to Dagger2.
- Performed networking using **Retrofit 2** and used **Glide** for image loading
- Performed data caching using **Room**.

EDUCATION
Post Graduate Certificate in Mobile Application Design and Development
Lambton College, Toronto   **May 2018 - Dec 2019**
Bachelor of Technology, Electronics and Communication Engineering
Mahatma Gandhi University, India   **Aug 2013 – June 2017**
Related Coursework: Android App Development, iOS App Development, Web App Development, Wearables App Development, Cross-Platform Application Development, JUnit,

VOLUNTEER WORK

- ***Go Green, Viswajyothi College of Engineering and Technology, India****:* Participated in a Go Green initiative where the moto was to plant 500 trees in a day and achieved the same with a group of 50 volunteers.
- ***Blood Donation, Viswajyothi College of Engineering and Technology, India***: Took part in this initiative by helping in organizing the program conducted by the National Service Scheme of India.