**JOSEPH ARUN DASS, JAMES JAYAKUMAR**

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**Summary** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Software Engineer [Full Stack]** with **12 years of IT experience**. Located in **NJ, USA**, work authorization **H1B**.

**Skills \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* **JavaScript | TypeScript | React | Redux | Node | Express | MongoDB | Adobe Experience Manager | Java**
* HTML | CSS | SASS | jQuery | Material UI | Bootstrap | Sling Models | Maven | SQL | NoSQL | MySQL |REST |SOAP
* Postman | Stored Procedure | IBM Data Studio | JIRA | Git | Bitbucket | Source Tree | Jenkins CI/CD | Confluence
* Babel | Webpack | Jest | Enzyme | API Mocking | Unit, Integration & Compatibility Testing | W3C Accessibility
* NIDA | Waterfall | Agile| Kanban | PI Planning | Proof of Concepts | Impact analysis | Design | Coding | Testing
* Defect Fix | SIT, UAT Support | HP Quality Center | Production Implementation & Support | TDD |English | Tamil

**Frequent Used NPM Packages** *axios, @reduxjs/toolkit, react-dom-component, react-hook-form, react-media, react-input-mask, react-polling, react-idle-timer, redux-persist, react-bootstrap, react-responsive-carousel, redux-mock-store, mongoose, dompurify, lodash, prop-types, moment, broadcast-channel, eslint, crypto, pubsub, husky, nodemon, url, uuid, dotenv, cors, js-cookie, sass & file-loader, webpack-dev-server, aemsync, fs*

**Frequent Used Dev Tools** **Chrome & Firefox Dev Tools** [*Lighthouse, Performance throttling, Debug sources, Record and analyze network, Caching validation, Multiple viewpoint testing, Manage session, local storage & cookies, Inspect validate, modify HTML & CSS*]. **React Dev Tool** [*Manage all components and manipulating/manipulating its state value*] **Redux Dev Tool** [*Manage, manipulate and track historical state value and actions performed*] **Requestly** [*Mock API responses, to test independently and cover all edge cases through triggering failures*]

**Expertise\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Highly motivated to learn & explore new ways in technology & not afraid but fascinated on new learnings ahead.

**Day To Day Role:** Requirements gathering and clarification from product owners and dependent stake holders.

* Understanding requirements and evaluating system impact. Then explain & assign user stories to developers.
* Performing design, coding, testing, implementing, supporting, bug fixing, application demo and documenting.
* Review, comments & help developers on their work to meet standards, business requirements & reduce defect.

**Front End:** Experienced in working, understanding full stack apps in stacks like React, Node, Express, MongoDB.

* Good understanding on UI behavior of applications & having exposure to different Webpage rendering modal.
* Good knowledge on developing Server-Side Rendering web application through React and AEM combinations.
* Skilled in developing web applications through content manager like Adobe Experience Manager, WordPress.
* Experienced in setting up coding & implementation standards for bringing up a dev environment from scratch.
* Expert in implementing HTTP calls from UI applications and developing seamless interactive web application.
* Good understanding on oAuth implementation, JWT and utilizing bearer & refresh token in protected API’s.
* Skilled in developing interactive components in web application by introducing & managing application state.
* Experience in web application state management using Redux, local & sessions storage, url params & cookies.
* Skilled in increasing performance by introducing lazy loading, splitting bulky artifacts into small chucks files.
* Good experience in developing web application on different viewpoints from Mobile, Tablet & Desktop views.
* Skilled in testing web applications from component to integration level following testing multiple techniques.

**Back End:** Good experience in developing and supporting web servers, REST APIs in Express and Node JS specs.

* Skilled in developing Sling Modal in AEM/Java which exposes web page contents as REST service in JSON type.
* Experienced in connecting & communicating between REST services and databases/file like Node & MongoDB
* Experienced in developing stored procedures using SQL queries in RDMS which are exposed to REST services.
* Good understanding on RDBMS and NoSQL database structures, querying techniques, indexing & optimization.
* Experienced in implementing programs, performs parallel processing within multiple partitions on single DB.
* Skilled in implementing feature flag implementation which enables seamless transition between app versions.

**Experience\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Software Engineer / Dev Lead Charter Spectrum [Virtusa, NJ, USA] Oct/20 - Current**

Charter Communication, branded as Spectrum, is a telecommunication company, provides service with over 26 million customers in 41 states and second largest cable operator in Unites States. Spectrum Mobile offers mobile plans along with a purchase of new device or bring your own device services. [**www.spectrum.com/mobile**](http://www.spectrum.com/mobile)

Myself working as a development lead as part of Spectrum Mobile. As a team in 2019 we have started building this application right from level zero as a replacement of legacy application. This project uses AEM as a content manager and a web server, along with React & Redux. This new application got successfully deployed live in early 2021. Spectrum total revenue increased by 7.45 % in 2021 and this project success did major contribution to it.

Special Moments: Involved in POC for optimizing connection/interaction between React and AEM components.

* Learnt AEM right from the scratch during the course of the project and able to contribute much to organization.
* Expert in creating AEM templates, pages, sling modal experience & content fragments, DAM access & debugging
* Wrote multiple custom hooks to reduce code repeatability and to implement in simple and straight forward.
* Implemented a technique of leveraging React Suspense as a component level spinner for the better user exp.
* Wrote multiple higher order components to share common logic across al pages like Redux store sharing etc.
* Implemented technique to trigger refresh bearer tokens after every 30 minutes using refresh token received
* Leveraged axiso instance and interceptors’ method to have unique request and response configurate for APIs
* Involved in building entire e-commerce application, with more than 20 independent pages right from scratch.
* Adapted to utilize centralized login, which enables single login for entire Spectrum services like cable, mobile.
* Wrote re-usable test scripts that could we leveraged to test all common functionality across the application.
* Contributed on changes to collect user interaction details, especially on CTAs present in web page for analytics.
* Joined as a developer and able to outperform the expectations set on me, which opened an opportunity as lead.
* Capable to assisting and reviewing the developers work. Currently assisting 5 developers on their assignments.

Environment: React, Redux, AEM, Java Script, HTML, CSS, Bootstrap, Maven, Java, NPM Package, Sling Modal, HTL

**Application Programmer Bank of America – Merrill [Diversant, NJ, USA] Apr/19 - Sep/20**

Merrill Lynch is an investment management and wealth management division of Bank of America. Merrill manages $2.3 trillion in client asset. Myself worked part of team Client Financials, which manages performs market and customer current and historic holding data. Real time application interfaces are developed using Stored procedures and exposed for the use of REST APIs. Learnt & explored more on Web application technologies like React and Redux during the term I worked in Merrill are listed below.

Environment: Data Studio, Stored procedures, RDBMS, SQL, React, Redux, JavaScript, HTML, CSS, SASS, GIT

**Software Developer Guardian Insurance [DXC, India & NY, USA] Apr/13 - Mar/19**

Guardian Life Insurance in one of the largest mutual life insurance companies in the world. Myself contributed vastly in developing and implementing multiple projects on user interfaces UI and application interfaces. Worked very strongly on relational databases and developed complex batch, interface and frontend programs to meet business and customer needs. Developed complex customer claim data adjudication batch programs which process more than millions of records each day. Also, developed programs to feed frond end application [www.guardianlife.com](http://www.guardianlife.com) real-time through SOAP interfaces in XML response.

Environment: Data Studio, Stored procedures, RDBMS, SQL, COBOL, CICS, DB2, SOAP, WSDL, EDI, Message Queue

**Jr Software Developer CFS Group Scotland [Steria, Chennai, India] Jul/10 - Mar/13**

Contributed to CFS Group - Insurance company [ general, home & motor] Developer COBOL, CICS, JCL, SQL, DB2

**Education\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Bachelor Of Engineering [ECE] Anna University [Tamil Nadu, India] May/05 – Jun-09**

**Mentorship\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

* Providing online training on basics of data structure, algorithms & full web development courses for beginners.