**PAVAN KUMAR**

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SUMMARY

* Around 15 years of IT experience as **Front-End UI** Developer in the analysis, design, development and testing of different modules.
* Hands on experience in all stages of the **project lifecycle**, from planning, design to testing   
  and deployment.
* Collaborated with cross-functional teams to analyze requirements, design solutions, ensure seamless integration of front-end and back-end components.
* Experience in playing scrum master role planning the sprint, tracking it to closure, POCS, analyzing issues, fixing bugs, integrating new systems using technologies like **Java/J2ee, Spring boot, REACT JS etc.**
* Experience in working on Production Support of the application, experience on supporting global application used across the globe in 10 countries.
* Experience in fixing the defects in the production and redeploying the application in production after through testing with business.
* Experience in developing software solution products for the requirements in the given timeline, working with the team/independently.
* Experience in building applications to solve real-time issues/challenges in our day-day life, using the technologies available in the community.
* Experience in implementing **liquid** files which enhances the user experience in **command line interface**.
* Experience working with **GIT** to push/pull/merge the data to the code repositories.
* Enthusiastic exploring new technologies coming up in the community by building POC and examples and analyzing the usage of the technologies to solve the real-times problems.
* Experience Developing End-To-End Applications, Deployed the application in Production, Part of the Team running App Pilot Phase with the End Users, interacted with the end users on the daily basis, Training the end users on the application usage, understanding their suggestions. Developed application that supports 10 languages and deployed the application for usage across the Globe in 10 different countries. INTERACTED, TRAINED end users in different countries to use the app and supported the application.
* Extensively worked on the styling of the app, creating new components, and applying new **CSS styles**.
* Experience in coordinating and handling geographically dispersed teams.
* Extensive experience in implementing **UI design patterns** to meet business goals with **best user experience**.
* Ability to work on multiple projects at same time, learning and implementing the new technologies and architectures coming up in the community.

**TECHNICAL SKILLS**

**SDLC Methodologies:** Waterfall, Agile (Scrum)

**Programing Skills:** Core Java, Spring boot

**Web Technologies:** HTML, CSS, Bootstrap, Babel, XML, JSON, REST API, JavaScript, Node.js and REACT JS

**Database:** SQL Server

**Development Tools:** Eclipse, IntelliJ, Visual studio code, Postman, WINCVS, GIT and Source tree

**Cloud Technologies:** Azure

**PROFESSIONAL CERTIFICATES**

* JAVA SCJP
* AZ-900

**PROFESSIONAL EXPERIENCE**

**Commvault Systems INC August 2006 - Present**

**Principle Engineer (September 2017 – Present)**

* Performed various key roles over the years in **analysis, design, implementing, testing** and **maintaining** web applications across teams.
* Extensive experience working in both **AGILE/SCRUM** and SDLC-based development environment and participating in **SCRUM** sessions that includes **Analyzing, Designing and Coding.**
* Actively interacted with the business team to make clear the technical requirements and build

application using **React, Node.js and MongoDB**.

* Creating the Restful Web API using express framework with end-to-end integration.
* Proficient in using **CSS** and **SCSS** to create responsive and visually appealing user interfaces, optimizing layout design and improving website performance using modern **CSS** techniques like **Flexbox** and **Grid**.
* Extensive knowledge in **boxing** and **unboxing** API request which in turn gives flexibility for user to create request body in lay man format.
* Configured services with **HTTP Client** to send requests to the back-end, including **get, post, put**

**and delete** methods.

* Create Front End Module using **MVC pattern** using Ext.JS, jQuery, HTML5 and consuming Restful web service.
* Enhancing the existing web application used by the customers to add additional features which enhances customer experience.
* Further tasks include management of all **MySQL** databases and all the required tables to store different survey information related to the site.
* Worked on migrating Web application from **Angular** to **React JS**.
* To enforce coding standards and maintainability of code performed code reviews.
* Working on upgrading the application and adding new features to the app with some changes to the User Interface.
* Worked on redesigning the styles, applying styles to have same look and feel across the web application.
* Integrated UI components with **storybook**, each UI Component referred a story it’s a centralized access to all components and their utilization.
* Worked on converting React Life Cycle Component to React Hooks.
* Worked on the latest features of **JavaScript** like **ES6** features, such as **async await, let, const** etc.
* Expertise in relational database like **SQL Server** and databases like **Mongo DB.**
* Well Versed with Version Control tools like **CVS, GIT** and **Source Tree** for Source Code version management and merging Source code after intermediate Project release.
* Skilled in debugging and troubleshooting web applications using browser developer tools like Chrome Dev Tools and Firefox Developer Edition.
* Some of the most striking features I handled are **“XML framework”, “Credential manager”, Additional Settings which work like windows registry keys,**

**“Install Software”, “Reports”, “Replica Storage”, “Workflows”, “User Security”,**

**“Data Aging”, “Maximize backup performance” and “SQL Query Performance tuning”.**

**PROJECTS**

**XML Framework**

* Designed and developed XML message framework that helps user interface to communicate with backend systems.
* This architecture helps to communicate between different services, which is the pillar for our RESTAPI communication.

**Install Software**

* Designed and developed automated UI which helps in installing custom software Installations.
* This automation reduces development time for new enhancements which can delivered in no time with simple changes.

**Reports**

* Designed and developed multiple reports for user convenience, describing some of the reports.
* Audit report which helps admins to identify the operations performed by different users and its severity.
* Data Retention and Forecast report which identifies when the data will be pruned and storage availability.
* Storage Summary report which is a detailed report on availability and free space per storage(Disk, Tape and Cloud)

**Replica Storage**

* Replicating backup copies on multiple storages to address availability concerns.
* Region based backups for cloud storage.

**User Security**

* Designed and Developed roles and visibility for different users based on hierarchy.
* Like only Admin users can do Delete operations.

**Data Aging**

* Developed multiple strategies to make sure data aged correctly.
* Free space predictions based on data aging forecast.

**Credential Manager**

* Designed and developed centralized credential vault to store credentials which can be accessed across the system.
* To enhance user security, credentials can be accessed dynamically which are stored using third party credential providers like **CyberArk** and **Azure vault**.

**Secure data from Ransomware Attacks**

* Designed and developed mechanism to identify and notify user on Ransomware attacks which helps user to avoid data corruption.
* This will secure data which was backed up or restored using our product.

**Additional Settings**

* Designed and developed centralized repository of settings for current and future enhancements, with which features can be enabled/ disabled by default.
* This feature plays a keyrole to enable/ enhance existing features.
* Its similar feature as **Amazon feature flags**
* This can be personalized per user.

**EDUCATION**

**Master of Computer Applications (MCA) (Post Graduation)**

2003-2006 | Osmania University (INDIA)

GPA: 4.2

**Bachelor of Computer Applications (BCA) (Graduation)**

2000-2003 | Nagarjuna University (INDIA)

GPA: 3.7