

MOHAMMED AKBAR AWAIS

Software Engineer

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PROFESSIONAL SUMMARY

Dedicated Software Engineer with over **2 years** of experience in **Software development**, specializing in **Front-end technologies**. Proven ability to deliver **high-quality features** on time while optimizing user experience and **backend processes**.

SKILLS

| | |
|---------------------------|---|
| Frontend | : JavaScript, ReactJS, HTML, CSS, Tailwind CSS, Backbone, Redux |
| Backend | : Java |
| Database | : MQL |
| Design Pattern | : Model View Controller (MVC) |
| Framework | : WebUX, UWA |
| Data Formats | : JSON, XML |
| API | : REST |
| Version Control | : GitHub |
| Software's | : Eclipse IDE, Visual Studio Code |
| Project Management | : Jira, Agile Methodologies |
| Soft Skills | : Team player, Deliver results. |

WORK EXPERIENCE

Software Engineer, Dassault Systèmes

Oct 2022 – Present

Duties:

- **Implemented dynamic user interface enhancements**, improving user experience and responsiveness.
- Developed features with **lazy loading** and **infinite scrolling** to optimize application performance.
- **Reduced API calls by 44%**, significantly enhancing application efficiency.
- Actively **refactored existing code**, removing redundancies and optimizing performance.
- Conducted thorough **testing and documentation** of edge cases to ensure robust feature delivery.
- **Collaborated with cross-functional teams** to develop innovative solutions and share best practices.
- Engaged in continuous learning and professional development, applying new methodologies like **Test-Driven Development (TDD)**.
- Assisted new team members with **knowledge sharing**, promoting a supportive team culture.
- Delivered solutions for critical **production issues** with effective **root cause analysis** and documentation.
- Interacted with the **Scrum Master** to clarify requirements, ensuring alignment with project goals.
- Participated in regular **code reviews**, providing constructive feedback to improve code quality.
- Optimized data handling processes, ensuring efficient retrieval and display of information.
- **Implemented UI enhancements** based on user feedback, resulting in improved customer satisfaction.
- Developed **REST APIs**, facilitating seamless integration with front-end applications.
- Engaged in **performance tuning** of applications, identifying bottlenecks and implementing solutions.
- Maintained comprehensive **documentation** of development processes and technical specifications.
- Explored and integrated **Out-Of-The-Box (OOTB)** components to streamline development efforts.
- Actively monitored application performance, using analytics to inform future enhancements.
- Developed and executed **unit tests** to ensure code reliability and maintainability.
- Championed **coding best practices** within the team, enhancing overall software quality.
- Provided timely updates to management on **project status** and challenges encountered.
- **Resolved high-priority incidents promptly**, enhancing system reliability and performance.

TECHNICAL PROJECTS

Dassault Systèmes, Bangalore

- Developed and **enhanced user-centric** features for a complex **RFx Management** app in **ENOVIA**, leveraging **internal WebUX frameworks** to deliver a **seamless user experience**.
- Focused on **improving UI capabilities** by implementing **dynamic features** like **lazy loading** and **infinite scrolling**, ensuring **optimal performance** and **responsiveness**.
- **Led API integrations** to enable **real-time data interactions**, improving **application functionality** and **user engagement**.
- Actively participated in **code reviews**, fostering a culture of best practices and **high-quality code**.
- Conducted **thorough testing** and **documentation** to ensure **robustness**, **reliability**, and **maintainability** of UI components.
- Collaborated with **cross-functional teams** for continuous **integration** and **deployment**, ensuring **timely delivery** of updates.
- **Optimized application performance** by identifying and resolving **bottlenecks**, enhancing overall **efficiency**.
- **Explored and adopted new technologies** to refine **development processes** and deliver **innovative solutions**.

NetflixGPT (Independent Development Project)

- Developed a Netflix-like platform leveraging **ReactJS**, integrating **Redux** for state management and advanced **React Hooks** to create an interactive, responsive user experience.
- Integrated **OpenAI API** to enable intelligent movie recommendations by fetching movies dynamically based on user queries, enhancing personalization and engagement.
- Designed and implemented **dynamic routing** with React Router for seamless navigation across genres, trending titles, and search functionalities.
- Enhanced performance with **lazy loading**, modular components, and optimized **API-driven data fetching** for personalized movie recommendations.
- Applied **component-driven architecture** to create scalable, reusable UI components, following **best practices** for maintainability.
- Demonstrated expertise in **frontend development** by integrating **Redux Toolkit** for efficient global state handling and improving application responsiveness and scalability.

ACHIEVEMENTS

- **Recognized by management for outstanding performance and contributions to project success.**

EDUCATION

- **Bachelor's Degree in Information Science & Engineering – CMRIT, Bangalore [June 2018 – Aug 2022].**