



ROHIT SHARMA

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EDUCATION

IIT- Bangalore, Karnataka, India
Master of Technology in Software Engineering • CGPA: 3.2/4.0

Jul 2010 - June 2012

Government Engineering College, Bhopal, Madhya Pradesh, India
Bachelor of Engineering (Honors) in Computer Science Engineering

Aug 2006 - June 2010

EMPLOYMENT HISTORY

Informatica LLC, Redwood City, California
IICS Platform Admin

Aug 2021 - Present

- At present working on IDMC core platform engine to support the informatica apps runs on CLAIRE an AI based engine. Responsible for delivering the UI features as part of the monthly release of informatica products.
- Responsible for generating engineering requirements aimed at updating technology to enhance product performance, while ensuring the team stays current with the latest technology stack.
- Collaborates with product management to thoroughly understand requirements, refine solutions, and create design documents for the team's implementation.
- Manages the full lifecycle of UI services, maintaining ownership to ensure comprehensive and cohesive service delivery.
- Optimizes the build system to accelerate UI project builds, thereby reducing time required for development and deployment on local machines.
- Oversees code reviews for junior engineers, providing guidance and recommendations to enhance code quality and improve all product performance.
- Write comprehensive unit test cases to ensure code reliability and robustness, which helps in catching issues early in the development process, reducing bugs and improving overall code quality.
- Actively involved in resolving customer escalations and production issues, providing prompt solutions to unblock customers and ensure they can successfully complete their use cases without delays.
- Own and oversee the entire process followed by the team responsible for managing customer escalations and build issues, ensuring that resolutions are delivered promptly throughout the year to unblock customers and developers, thereby enabling timely product releases.
- Enhanced Code Security, conducted a thorough review and improvement of the existing codebase to address and rectify security vulnerabilities, thereby implementing robust security measures that significantly strengthened the protection of customer data and ensured more secure features across the application.

Informatica India Pvt. Limited, Hyderabad
Control Management Plane

Feb 2020 – June 2021

- Led the development of the application from inception to its first deployment, ensuring that it was fully functional and available for internal users, who were the primary customers of this.
- Solely responsible for the complete user interface development, taking ownership of all aspects of the application's UI as the only resource dedicated to this task.
- Managed the end-to-end process of requirement gathering and UI development, including engaging with the UX team to obtain mockup screens and translating them into a fully functional application.
- Designed and developed multiple workspaces and pages, enabling end users to access comprehensive information about tenants and facilitating their understanding of the build deployment process.
- Oversaw the build system and deployment process, leveraging the opportunity to shape the application's deployment pipeline from the ground up.
- Ensured full accessibility compliance, implementing guidelines to ensure the application could be fully operated using keyboard and screen reader tools, making it inclusive for all users.
- Developed modular UI packages with a service access layer, creating a robust and reusable design that could be leveraged by other applications.

- Collaborated across multiple time zones, working from India while effectively coordinating with a team based in the USA, ensuring seamless communication and project delivery.

Informatica India Pvt. Limited, Hyderabad
Enterprise Data Catalog

Aug 2012 – Aug 2021

- Directed a team of 8 developers, overseeing the timely delivery of features while maintaining rigorous quality and performance standards to optimize user experience.
- Orchestrated a comprehensive overhaul of the existing search functionality, designing and implementing a novel search behavior to enhance user engagement and satisfaction.
- Developed and integrated a tab-based search feature, facilitating the segmentation of search results by criteria or asset types, thus improving user navigation and efficiency.
- Administered the Application Configuration page to ensure effective synchronization between custom/system attributes and the MRS and search repository, optimizing system integration.
- Resolved a wide range of customer issues and implemented enhancements, delivering tailored solutions to meet specific client requirements as part of targeted releases.
- Led the transition from legacy JSP technology to a modern jQuery-based framework, resulting in a substantial improvement in user interface performance and responsiveness.
- Ensured the team met established deadlines, proactively identifying and addressing challenges to maintain workflow continuity and project momentum.

Live Data Mapping

- Led a Team of Developers, directed a team of 3 developers in addressing and resolving customer escalated issues, ensuring the rapid rollout of enhanced functionalities to improve customer satisfaction and system performance.
- Enhanced Page Loading Performance, optimized existing page loading performance, implementing advanced techniques to accelerate page rendering and deliver a superior user experience.
- Upgraded Technology and Design, revamped multiple pages to upgrade underlying technology and enhance visual aesthetics, aligning the design with other Informatica products to ensure a consistent and cohesive user interface.
- Optimized API Storage Behavior, improved the storage behavior of APIs by integrating with Informatica's Metadata Repository System, thereby enhancing functionality delivery speed and overall system efficiency.

Secure@Source

- Proof of Concept (POC) and Research, spearheaded the initial proof of concept and research for the product, validating its feasibility and effectiveness to ensure a successful launch and its capability to address customer data movement use cases, thus enhancing the overall user experience.
- Use Case Development, designed and implemented use cases to assist organizations in identifying the location of sensitive data, assessing its protection level, and understanding its proliferation. Provided users with comprehensive insights into data distribution and associated costs.
- Customer Demonstrations, developed and presented initial product demonstrations at Informatica World 2024, providing customers with an overview of the upcoming product features and functionalities.
- Project Setup and Integration, managed the initial setup of the project, ensuring successful UI integration with REST APIs and effective code bundling to produce successful builds for QA validation.
- End-to-End Development, engaged in full-cycle development from scratch, gaining comprehensive exposure to the entire software development lifecycle.
- Feature Showcasing designed and implemented multiple pages and workspaces to demonstrate features enabling customers to identify data vulnerabilities and associated costs.
- Front-End Development created customer-friendly pages utilizing modern front-end technologies and CSS frameworks to enhance visual appeal and usability.
- SVG Implementation, transitioned from JPG and PNG files to SVG images to support multiple themes and improve page loading performance.
- Data Visualization developed interactive charts using the D3 library to enhance users' visual understanding of their data and the extent of sensitive information within their datasets.
- Accessibility Compliance, ensured the application complied with Section 508 guidelines, facilitating accessibility for individuals with disabilities and expanding the product's market potential, including government organizations.
- Release Management, contributed to the product through its initial release and supported seven major subsequent releases, ensuring continued enhancement and functionality.
- Facilitated Team Integration and Transition, based in Hyderabad, I traveled to Bangalore for 2-3 weeks to ensure a smooth transition for new team members, aligning them with the team's objectives and processes.
- Addressed Geographical and Integration Challenges, noted slow team progress due to time zone differences and integration challenges between the UI and API layers. Traveled to the USA for two months to resolve these issues, improving team collaboration and integration efficiency

Data Archive

- Enhanced Job Monitoring Framework, redesigned and enhanced the job monitoring framework using jQuery and jQuery widgets, enabling the display of jobs and their associated steps more effectively.
- Technology Upgrade, revamped numerous pages, transitioning them from JSP technology to a modern framework, ensuring improved performance and maintainability.
- Reporting Feature Development, developed a new reporting workflow that captures job details at each step, providing users with the capability to generate and print comprehensive job reports.
- Data Archive Enhancements, contributed to the enhancement of various features within the data archive module, significantly improving the product's capabilities and delivering a superior user experience.

Smart Partitioning

- Sole Front-End Developer, acted as the sole front-end developer on the project, responsible for the complete development of all functionalities and ensuring on-time feature delivery.
- Product Integration, tasked with integrating an acquired product into the existing data archive system, enhancing the system's partitioning capabilities.
- Reusable Component Development, developed multiple reusable components using jQuery and jQuery widgets, contributing to the overall efficiency and scalability of the project.
- Backend API Development, took on additional responsibilities due to a shortage of developers, implementing backend API changes and workflows to ensure the successful completion of the project.
- Direct Collaboration with Management, engaged directly with senior management to understand project requirements and provide solutions that aligned with Informatica's existing products, facilitating faster integration.
- Collaboration with UX Team, worked closely with the UX team to receive and implement mockups, ensuring that the final product met design specifications and provided an optimal user experience.

MANAGEMENT AND LEADERSHIP SKILLS

- **Team Leadership and Management:** Successfully leads and inspires engineering teams by fostering a collaborative and motivating environment. Continuously monitors and enhances team performance, ensuring alignment with project goals and delivering high-quality results.
- **Cross-Functional Collaboration:** Effectively collaborates with product managers, designers, and product owners to align on project goals, ensure cohesive product development, and drive successful outcomes.
- **Strong Communication Skills:** Demonstrated proficiency in both written and verbal communication, effectively conveying complex information and ideas.
- **Inclusive Work Environment:** Actively promoted a positive and inclusive work culture, encouraging collaboration and open communication within the team. Fostered an environment where knowledge sharing was prioritized, contributing to the professional growth of team members and enhancing overall team performance.
- **Problem-Solving and Design Expertise:** Demonstrated strong analytical skills in understanding complex problems and developing effective design solutions. Skilled in translating high-level requirements into actionable design plans, ensuring that the proposed solutions are both efficient and achievable.

TECHNICAL SKILLS

Languages: Java Script, HTML, CSS, jQuery, Bootstrap, React.js, D3, SVG, Java, Node JS, Typescript, Redux

Databases: Oracle, MySQL

Tools/IDE: Maven, Eclipse, Visual- Studio, Brackets, Sublime text

Version Control: Perforce, Git

Operating Systems: Windows, Linux, Mac

Defect Tracking Tools: Jira, VersionOne

Testing Frameworks: Qunit, Cypress

Documentation: Microsoft Office, Microsoft Power Point, Latex2e

Task Runner: Gulp, Webpack

Performance Profiling: App performance profiling tools and technologies

AWARDS AND CAREER ACCOLADES

- **Titan Platinum Award** for Visionary Engineer Revolutionizes Data Platform Uptime.
- **Titan Platinum Award** for Revolutionizing Data Integration: A Unified Connectivity Leap.
- **Globe Bronze Award** for Technology Innovation Leadership of the Year 2024.
- **Globe Bronze Award** for Data Management and Analytics Leadership of the Year 2024.
- **Judge in HackMIT-2024** conducted in MIT campus Boston.
- **Senior Member IEEE** for the contribution in the field of research in technology.