Shukla J

Senior Software Developer, 7+ years experience
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Experienced and versatile Ruby on Rails developer with over 7 years of hands-on expertise in designing, implementing, and maintaining robust web applications. Proven proficiency in full-stack development, encompassing frontend technologies like HTML, CSS, and JavaScript, combined with a strong backend foundation using Ruby on Rails. Adept at collaborating with cross-functional teams to deliver scalable and high-performance solutions. Demonstrated ability to lead and contribute to the entire development lifecycle, from concept to deployment. Passionate about staying abreast of emerging technologies and implementing best practices to ensure the delivery of innovative and efficient software solutions.

INDUSTRIES: Hospitality, Education

TECHNICAL SKILLS

• Rails	7 years & 1 months
• JavaScript	7 years & 8 months
• Agile Methodologies	7 years & 7 months
• RSpec	4 years & 2 months
• Bootstrap	4 years & 9 months

PROJECT DETAILS

• AMEXGBT Corporate Travel Management System July-2022 - November-2023

Project Description: AMEXGBT Corporate Travel Management System is an integrated platform designed to streamline and enhance corporate travel management services, meetings, and booking solutions. Leveraging a robust tech stack, including Ruby, Rails, Docker, JQuery, Bootstrap, and HTML, the system focuses on delivering a comprehensive suite of features to optimize user experience and productivity.
Responsibilities: Key Contributions: Advanced Search Feature: Implemented an advanced search functionality with dependencies between fields on the search page. Enhanced user experience by providing a more intuitive and efficient search process. Time Reporting System: Successfully implemented a Time Report feature to calculate user productivity. Provided a valuable tool for tracking and analyzing user activities, contributing to better decision-making. Select2 JS Integration: Integrated Select2 JS for multi-select functionality in forms, improving the user interface and data selection capabilities. Ensured code unit test coverage through RSpec for reliable and error-free implementations. User Activity Deactivation: Implemented a user access deactivation mechanism based on inactivity. Enhanced system security by automatically deactivating user access after a period of inactivity, contributing to data protection. JQuery Security Update: Updated the system to the latest version of JQuery, ensuring adherence to security best practices and mitigating potential vulnerabilities. Financial Table and Reporting: Designed and implemented a financial table and reporting feature to provide clear insights into user financial activities. Improved user understanding through visual representation of financial data. CRUD Operations for Custom Fields: Developed CRUD functionalities for Custom Fields, enabling the creation of flexible columns during data export in XLS or CSV formats. Enhanced data customization capabilities, allowing users to tailor exports to their specific needs.
Technologies: Ruby 2.6, Rails 6.0, Docker, JQuery 3.6.0, Bootstrap 3, HTML
Industry: Hospitality

• TCS ION Learning Management System April-2017 - January-2021

Project Description: The TCS ION Learning Management System (LMS) is a comprehensive educational platform designed to facilitate seamless learning experiences. Leveraging the power of Ruby on Rails, the system offers a dynamic and user-friendly interface that empowers educators and learners alike. From content creation and distribution to interactive assessments and progress tracking, TCS ION LMS is tailored to meet the diverse needs of modern educational environments.

Responsibilities: Key roles and responsibilities include: System Architecture and Design: Contributed to the design and architecture of the TCS ION LMS, ensuring scalability, performance, and maintainability. Collaborated with cross-functional teams to understand requirements and translate them into technical specifications. Frontend Development: Implemented responsive and intuitive user interfaces using Ruby on Rails, HTML, CSS, and JavaScript. Integrated interactive elements and features to enhance user engagement and experience. Backend Development: Developed server-side logic and APIs to support seamless data flow and functionality. Utilized Ruby on Rails to implement robust backend services, incorporating best practices for security and performance. Database Management: Designed and maintained the database schema, ensuring efficient data storage and retrieval. Implemented database optimizations for improved system responsiveness. Feature Implementation: Worked on the end-to-end development of new features and functionalities within the learning management system. Collaborated with the QA team to conduct thorough testing and resolve any identified issues. Collaboration and Communication: Engaged in regular communication with cross-functional teams, including designers, product managers, and QA, to ensure alignment with project goals. Participated in agile development processes, contributing to sprint planning, reviews, and retrospectives. Code Maintenance and Documentation: Conducted regular code reviews to maintain code quality and adherence to coding standards. Created and updated documentation for various aspects of the project, including codebase, APIs, and system architecture. Bug Fixing and Optimization: Addressed and resolved bugs and issues promptly, ensuring a stable and reliable learning management system. Implemented performance optimizations to enhance overall system efficiency.

Technologies: Ruby on Rails

Industry: Education

EDUCATION

• Bachelors degree in B.tech from BBBDNITM 2012 - 2016

LANGUAGES

• English - advanced

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